Washington Talks It Over—page 5

Oil, Paint and Drug Reporter

The Chemical Market Authority Since 1871

ABC

Vol. 141 No. 13 — Schnell Publishing Company, Inc., Publishers — March 30, 1942

RECEIVED MAR 30 1942 LIBRARY THE CHEMISTS' CLUB

BONE OIL

Produced from the destructive distillation of bones, A.A.C. Bone Oil is supplied in technical grades of uniformly high quality. Prompt delivery from adequate service stocks . . . shipped in steel drums or tank cars.

"AA QUALITY" CHEMICAL PRODUCTS

Monocalcium Phosphate	Carbonate of Ammonia	Sulphuric Acid
Dicalcium Phosphate	Bone Black Pigments	Gelatins
Disodium Phosphate	Sodium Silicofluoride	Phosphorus
Trisodium Phosphate	Sod. Acid Pyro Phosphate	Phosphoric Acid

The AMERICAN AGRICULTURAL CHEMICAL Co.
50 Church Street, New York
33 Offices in Principal Cities in U. S., Cuba and Canada

THE AMERICAN AGRICULTURAL CHEMICAL COMPANY — AA QUALITY

Established 1880

WM. S. GRAY & CO.
342 MADISON AVENUE
NEW YORK

Cable Address: Graylime — Phone: MUrray Hill 2-3101

Manufacturers' Agents

Acetic Acid

ALL GRADES
TANK CARS — BARRELS
INQUIRIES SOLICITED

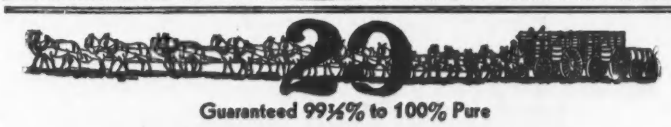
HELPFUL HINTS

SUSPENSO: a grit free, very white precipitated calcium carbonate, has excellent suspension qualities in paint vehicles.

DIAMOND ALKALI COMPANY
PURE CALCIUM PRODUCTS DIVISION • BOX 407 • PAINESVILLE, OHIO

PUBLICKER
COMMERCIAL ALCOHOL COMPANY
1800 W. Lehigh Avenue — PHILADELPHIA, PENNA.

MANUFACTURERS OF
ACETONE • BUTYL ALCOHOL
BUTYL ACETATE • AMYL ACETATE
ETHYL ACETATE
ALCOHOL
Pure and Denatured



Guaranteed 99½% to 100% Pure

BORAX
BORIC ACID

Refined and U. S. P.

Crystal • Granulated • Powdered • Impalpable • Anhydrous
Borax Glass • Manganese Borate • Ammonium Borate
Samples on request

PACIFIC COAST BORAX COMPANY
Dept. Q
51 Madison Avenue, New York
CHICAGO — ILLINOIS

No. 5 in a series of advertisements about new research chemicals.

New Synthetic Chemicals for Research Study

Four promising products for your investigation

THESE four new chemicals were synthesized in our laboratories. Their physical and chemical properties and their possible applications are outlined at the right. We invite you to investigate these new synthetic organic chemicals in your laboratory. Such investigation may lead to helpful uses in your products and processes.

Our laboratories are constantly at work, synthesizing new chemicals, discovering new and broader uses for those chemicals that have already proved their usefulness, and developing more efficient and less expensive ways of making them. These newcomers have resulted from this research program.

Although only research quantities are available now, it is possible that commercial quantities will be made in the future if important uses develop. Write for price quotations.

For information concerning the use of these chemicals, address:

Carbide and Carbon Chemicals Corporation

Unit of Union Carbide and Carbon Corporation

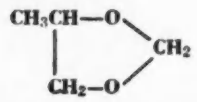
30 East 42nd Street UCC New York, N. Y.

BUTYL "CELLOSOLVE" ACETATE

$C_4H_9OCH_2CH_2OOCCH_3$

. . . is a colorless, stable liquid with a pleasant ester-like odor. Because it possesses high solvent powers for nitrocellulose, cellulose esters, and synthetic resins, it may be used in special surface coatings, printing inks, and varnish removers. It is less water-soluble and evaporates more slowly than "Cellosolve" Acetate. Specific gravity at 20/20° C., 0.940; boiling point, 191.5°C.; refractive index, 1.4160; solubility in water at 20°C., 1.1 per cent.

4-METHYL DIOXOLANE



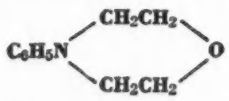
. . . is a colorless liquid useful as an extractant and solvent for oils, fats, waxes, dyestuffs, and cellulose derivatives, especially cellulose acetate. It boils at 85°C., and is 20 per cent soluble in water at 20°C. Its specific gravity is 0.988 at 20/20°C.

METHYLDIETHANOLAMINE

$CH_3N(C_2H_4OH)_2$

. . . is an amine-odored, colorless liquid, miscible with water and benzene. It is suggested as an intermediate in the manufacture of textile auxiliaries, insecticides, emulsifying agents, and corrosion inhibitors. It shows some evidence of selective action in the absorption of acidic gases. Its physical properties include: specific gravity, 1.043 at 20/20°C.; refractive index, 1.4699; boiling point (at 4 mm.), 121°C.; equivalent weight, 119.

N-PHENYL MORPHOLINE



. . . is a white solid suggested as a chemical intermediate in the manufacture of dyestuffs, rubber accelerators, corrosion inhibitors, and photographic developers. It is one per cent soluble in water at 20°C., melts at 52-56°C., and boils at 265-268°C. Its vapor pressure is less than 0.1 mm. at 20°C.

PRODUCERS OF SYNTHETIC ORGANIC CHEMICALS

Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

SCHNELL PUBLISHING COMPANY, INC., PUBLISHERS

Volume 141 | March 30, 1942 | Number 13

RECEIVED MAR 30 1942 LIBRARY THE CHEMISTS' CLUB

Quinine Substitute Marketing Probed

OPD Washington Bureau
March 27, 1942

A study of the marketing and production setup of 'Atabrine,' a quinine substitute, has been undertaken by Thurman Arnold, head of the antitrust division of the Department of Justice. Sole patent rights for Atrabine are held by the Winthrop Chemical Company, a subsidiary of the Sterling Products, Inc., which firm was required by a consent decree last Summer to break contracts with the I. G. Farbenindustrie, the German dye trust, restricting patents, fixing prices and the allotting of world markets.

The Winthrop Chemical Company has been asked by Mr. Arnold to give what arrangements Winthrop has with the German I. G. as to its licensing, and how this applies specifically to licensing others in the United States. The patents were originally developed by the German I. G. and were reg-

—Continued on page 43

- - - —V- - - —

Bates Production Head For General Aniline

Joseph S. Bates, chief of the coaltar and intermediate section of the chemcal branch of the War Production Board has been named vice-president in charge of production for the General Aniline & Film Corporation.

A native of Connecticut, Mr. Bates graduated from Yale in 1915 and spent the next two years with the plant development department of the Calco Chemical Company. From 1920 until 1923 he was manager of the development department at the Marcus Hook plant of the National Aniline Chemical Company. In 1924 he established the Bates Chemical Company in Phiadelphia, which he still serves as president and treasurer.

The General Aniline was recently seized by the Federal Government under the provision of trading with the enemy act. Robert E. CcConnell was named recently to the presidency. Mr. McConnell is also a member of the four-man board of managing directors. Other members are R. E. Nelsen, A. E. Moffett and A. E. Marshall.

- - - —V- - - —

Opium Growing in U.S. Advocated in Congress

OPD Washington Bureau
March 25, 1942

Federal regulation of the growth of opium poppies in the United States is provided in a bill introduced today by Senator Walter F. George of Georgia.

The bill (S.2405) was drafted by the Bureau of Narcotics of the Treasury Department to meet a situation which has developed since the war began in Europe, under which opium poppies are being raised commercially in this country for seed which is used on bakery products.

The George bill prohibits growing opium poppies, possession of parts of the plants, or manufacture of opium in the United States except under appropriate license from the Treasury Department, for which strict terms are outlined in the bill. Exceptions are made for the growth of poppies as ornamental flowers, and for the sale of seed by a licensed grower to an unlicensed person for consumption as a spice seed or for the manufacture of oil.

- - - —V- - - —

W. W. Angus, Inc., to Move

W. W. Angus, Incorporated, will move its offices on March 28 to 220 Broadway, this city. Telephone:—Cortland 7-5728.

General Priority Rating Orders Discontinued

OPD Washington Bureau
March 26, 1942

A specific requirements approach to the control and distribution of scarce materials will replace the use of general or blanket priority rating orders as rapidly as the necessary new orders and procedures can be put into effect, according to J. S. Knowlson, director of industry operations. Between April 1 and June 30, most of the blanket rating orders will be revoked or allowed to expire, and companies which have been operating under blanket ratings will be required to apply for priority assistance under the Production Requirements Plan.

The rapidly increasing materials requirements of the war program make it impractical to continue the use of preference ratings which have been assigned under existing "P" orders to whole industries, without any exact check of the amount of material which such ratings may be used to obtain.

—Continued on page 33

- - - —V- - - —

Priority Regulation No. 8 Amendment No. 1 Issued

OPD Washington Bureau
March 24, 1942

Priorities Regulation No. 8 as issued on March 16, 1942, was erroneously drafted to eliminate the requirement for submission of reporting forms in connection with the mining order, P-56. Amendment No. 1 of Priorities Regulation No. 8, issued today, restores the requirement that reports be submitted in accordance with the terms of Preference Rating Order P-56. Reports on specified forms will no longer be required in connection with the mining machinery order, P-56-a.

Chemurgic Council Discusses Use of Farm Products in War

Chicago, March 27, 1942

Increased utilization of agricultural products for commercial purposes and the planting and growing of new crops to offset shortages developing in certain commodities because of World War II constituted the main topics of discussion at the eighth annual Chemurgic Conference, held in the Stevens hotel here March 25-27. The conference was sponsored by the National Farm Chemurgic Council

Recommended for cultivation in the United States, in an address by Dr. Paul J. Kolachov, director of research and development for Joseph E. Seagram & Sons, Louisville, Ky., were perilla and rapeseed oils, eucalyptus and camphor, stramonium and cinchona bark.

In discussing perilla, Dr. Kolachov said that it grows wild in Japan and China and has been cultivated in Manchuria for many years. He also said that it has been found in a wild state in Arkansas, Louisiana, Texas, Missouri, Tennessee, and Georgia. Presumably, he said these plants are descended from oramentals which have escaped from cultivation. He told of the quick-drying and edible qualtities of perilla.

Rapeseed Oil

In reporfing on rapeseed oil, Dr. Kolachov said that the annual varieties of the rape plant are grown extensively as seed crops in Europe, India, China, and Japan, as a source of oil, the biennial varieties usually being grown for forage purposes. In the United States, he said, rape has ben grown largely for fodder and as a cover crop. A biennial variety, known as Dwarf Essex, is grown as a forage crop principally in the cotton belt States and in Minnesota, Wisconsin and Michigan. In Wisconsin, rape has, however, been grown also for seed purposes.

Eucalyptus Oil

Discussing eucalyptus oil possibilities, Dr. Kolachov said that United States buys comparatively little eucalyptus oil, about 366,000 pounds annually, paying $85,000, but eucalyptus trees, he added, are already cultivated in Florida and California and are used only for their lumber and for railroad ties.

He brought to the attention of the conference the unusual possibilities of eucalyptus for industrial utilization, and particularly for such important constituents as geraniol, citronnelal, limonene, piperitone, cineol (eucalyptol), and phellandrine, which, he said, are all extensively used in pharmaceutical industries, especially in the manufacture of perfumes and soaps. The yield of these constituents, he explained, is high, about fifty pounds per acre during the first year of maturity, calculated on a basis of eucalyptol.

Australia and Russian use phellandrine as an anti-knock agent in gaso-

—Continued on page 54

Fertilizer 'Trust' Case Settled

Winston-Salem, Mar. 26, 1942

The two-year-old antitrust case against the National Fertilizer Association and virtually all mixed fertilizer concerns in Eastern United States was settled today before Federal Judge Johnson J. Hayes in the Federal District Court for the Middle District of North Carolina here.

The defendants entered pleas of nolo contendere and paid fines totaling in the neighborhood of $250,000. Judge Hayes rendered an oral opinion, but there was no judgment or decree controlling future actions of the defendants nor trade practice in the industry.

In announcing that they would not contest the case, the defendants stated that trial would take from six to twelve months, detracting times and energy from war work. In lieu of trial an informal hearing was held for

—Continued on page 54

Contract Distribution Offices

Offices thus far opened by contract distribution branch of the Production Division of the War Production are:—

Alabama

Birmingham (main office)—L. E. Geohegan, manager, 301 Phoenix building, 1706 Second avenue, N.; telephone: 4-7761.

Arizona

Wm. I. Walsh, State director; A. F. Moriarty, chairman of advisory committee.

Phoenix (main office)—Fred F. Schalmo, acting manager, 406 Security building; telephone: 3-2702.

Arkansas

Alfred M. Lund, State director; Chas. L. Thompson, chairman of advisory committee.

Little Rock (main office)—Alfred M. Lund, manager, 304 Rector building, third and Spring streets; telephone: 4-5511.

Fort Smith—Frank P. DeLarzelere, manager, 13 North Seventh street; telephone: 8916.

California

San Francisco—Col. Francis M. Smith, manager, Furniture Mart, 1355 Market street; telephone: Underhill 3301.

Fresno—E. H. Cameron, acting manager, 314-318 Mattei building; telephone: Fresno 4-5119.

Los Angeles—W. L. Moreland, manager, 1031 S. Broadway; telephone: Richmond 1261.

Oakland—W. P. Collins, acting manager, 209 Financial Center building; telephone: Higate 6816.

San Diego—Paul C. Farmer, acting manager, 510 Union building, 235 Broadway; telephone: Franklin 8907.

Sacramento—E. H. Cameron, acting manager, suite 407, Farmer's & Mechanics building, 1014 Eighth street; telephone: 2-5808.

Colorado

Clyde C. Hartzell, State director; Wm. L. Petrikin, chairman of advisory committee.

Denver (main office)—El Roy Nelson, manager, U. S. National Bank building, 817 Seventeenth street; telephone: Main 4231.

Pueblo—D. F. Stalker, Star Journal building.

Connecticut

Earle L. Milliken, State director; Carl Gray, chairman of advisory committee.

Hartford (main office)—Earle L. Milliken, manager, Phoenix Bank building, 805 Main street; telephone: 7-9251.

Bridgeport—Raymond L. French, acting manager, Medical building, 144 Golden Hill street; telephone: 4-9441.

New Haven—Chas. A. Newton, manager, 514 Liberty building, 152 Temple street; telephone: 7-5891.

Delaware

Wilmington (main office)—Bradley L. Geist, acting manager, 314 Penn building, French and Water streets; telephone: 4-8871.

Florida

Chas. C. McCubbin, State director; George W. Simons, chairman of advisory committee.

Jacksonville (main office)—Chas. C. McCubbin, acting manager, 730 Lynch building, Main and Forsyth streets; telephone: 5-1149.

Miami—Forrest D. Banning, acting manager, 701 Congress building; telephone: 3-0756.

Tampa—Arthur B. Hale, manager, 901 Wallace S. building; telephone: M-8461.

Georgia

Wiley Moore, chairman of advisory committee.

Atlanta (main office)—J. V. Booth, acting manager, Suite 150, Hurt building; telephone: Jackson 5880.

Idaho

Boise (main office)—Clyde C. Hartzell, acting manager, 409 Capital Securities building; telephone: 409.

—Continued on page 57

- - - —V- - - —

WPB to Open 13 Regional Offices

OPD Washington Bureau
March 26, 1942

Establishment of thirteen regional War Productions Board offices throughout the nation was announced today by James S. Knowlson, director of industry operations. The existing 120 field offices will be allocated among the thirteen regional offices for administrative purposes. Regional directors selected thus far are:—Orville H. Bullitt for the Philadelphia region, Ernest Kanzler for the Detroit region, and John C. Virden for the Cleveland region. Other regional headquarters cities will be Atlanta, Boston, Chicago, Dallas, Denver, Kansas City, Minneapolis, New York, San Francisco and Seattle.

Orville H. Bullitt, newly appointed regional director in Philadelphia, and since October State director of con-

—Continued on page 43

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals, oils, and drugs is currently as follows:—

Mar. 27, 1942	Mar. 20, 1942	Mar. 28, 1941
145.3	145.1	112.9

Drugs and fine chemicals are well up from the previous week. Heavy chemicals are a little higher. Somewhat larger gains were scored by dyestuffs, textile and leather chemicals, oils, fats, and waxes, and essential oils and aromatic chemicals. Botanical drugs, spices, and gums are a little lower. Other groups are unchanged.

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

Closing Markets

London Closing Cable

LONDON, Mar. 27, 1942

White arsenic, 99-100, £40 per ton, delivered ex port; ex store, £43.

Linseed Oil Higher

Flaxseed prices recovered on Friday and the local linseed oil market was firmer, 13c. per pound being an inside quotation for tankcars. Business was quiet.

Soda Nitrate Unchanged

Prices for domestic soda nitrate have been renewed for April.

Bids Wanted

Alumina Sulphate:—Contracting officer, Q. M. C., Fort Monroe, Virginia; invitation 570-109, opening April 8.

Anhydrous Ammonia:—Contracting Officer, Q. M. C., Fort Monroe, Virginia; invitation 570-109, opening April 8.

Brushes:—Quartermaster, Marine Corps, Washington; schedule 2042, opening March 30.

Paint Thinner: — Quartermaster, Fort Benning, Ga.; invitation 148-59, opening April 6.

Quicklime:—Contracting Officer, Q. M. C., Fort Monroe, Va.; invitation 570-109, opening March 8.

Synthetic Rubber Patents Freed

All patents of the Standard Oil Company of New Jersey for synthetic products, including rubber and gasoline, were freed to American industry last week on a royalty-free basis under a consent decree filed March 25, in Federal Court, Newark.

The decree was filed in conjunction with the government's antitrust charges that N. J. Standard, six of its subsidiaries and I. G. Farbenindustrie, the German dye trust, attempted to restrain trade and commerce in the chemical and oil industries through use of their patents. Before the decree was entered, N. J. Standard, the six subsidiaries, and three of its officers were fined $5,000 each after pleading nolo contendere to the charges.

After the court proceedings the company issued a statement in which it insisted that its relations with I. G., named by the government as a coconspirator rather than a defendant, had yielded many industrial benefits for this country. The statement denied that the antitrust laws had been violated, but added that attempts to obtain vindication in the courts would consume time and effort better utilized for war production.

The government's complaint stated that Standard and I. G. had agreed to pool technical knowledge and patents, and that in this way Germany had secured information and processes concerning aviation gasoline, lubricating oils and other petroleum products

—*Continued on page* 43

N.P.V.L.A. Executive Group to Meet

The next regular quarterly meeting of the Executive Committee of the Nation Paint, Varnish and Lacquer Association is scheduled to be held in Philadelphia, at the Union League, April 14, 1942, under the chairmanship of F. L. Sulzberger.

Contents of This Issue

News and Statistics

Atlantic and Gulf Ports Shipping Surcharge Set 58
Asphalt Institute Elects Officers 53
Antimony Increase Approved by OPA 5
Aluminum, Magnesium Repair Order Issued 5
Atlanta Drug, Chemical Club Elects Officers 7
A.D.M.A. Scientists to Discuss Vitamins 7
Barber Asphalt Refinery Closed by Lack of Supplies 38
Bates Production Head for General Aniline 3
Chromium Uses Restricted by WPB. 5
Cherry Succeeds Ralph as Head of OPD Washington Bureau 5
Chemurgic Council Discusses Use of Farm Products in War 3
Continental Can Names Manager .. 50
Cork Supplies Redefined in General Preference Order 7
Dry Egg Products Are Dutiable at 18c. Per Pound 7
Dunnage Weight Allowance in Closed R.R. Cars Set 5
Detroit Paint Club Honors Retailing Course Graduates 38
Drug, Chemical Square Club to Meet April 18 47
Drogueria de Johnson Warns of Imposter Cashing Checks 48
Exporters Honor Helen Devlin 58
Fertilizer Trust Case Settled 3
Fish Scrap Grinders Protest Planned Prices 54
F.T.C. Hits Glucose Marketing Scheme 7
General Priority Rating Orders to Be Discontinued 3
Glidden Buys N. J. Tract 28
Hercules Develops Wetting and Emulsifying Agent 34
Hide Glue and Stock Price Schedules Amended 38
Hilton-Davis Elects L. A. Hoffman President 7
Japanese Beetle Quarantine Broadened 7
Kelb Held Duty Free Regardless of Condition 7
Luminescent Materials to Be Discussed by A.C.S. 7
Lee Wiltsee Made Member of Veterans Apothecaries Ass'n 47
Mead Corp. Calls Bonds 34
Mica Deposit Data Compiled 38
Metal, Wire Lath Industry Advisory Group Is Formed 33
Molybdenum Allocations Postponed to May 1 5
National Aniline Defense Corp. to Operate $5,000,000 Plant 34
N.W.D.A. Defendants Plead Not Guilty 7
N.A.R.D. and 14 N. J. Associations Indicted by U. S. for Fixing Prices 7
N.W.D.A. to Discuss Wartime Problems 7
OPA Rationing Upheld 5
Opium Growing in U. S. Advocated in Congress 3
Phila. Oil Trades Ass'n Elects Officers, Directors 43
Priorities Regulation 8 Amendment No. 1 Issued 3
Quinine Substitute Marketing Probed 3
R.R. Cars Must Carry Min. 6 Tons .. 5
Rationing Authority Now Shared by J. S. Knowlson 5
Shell Oil to Build Western Butadiene Plant 53
Technologists Wanted 58
Tung Oil Loan Repaid By Chinese Government 43
Victor Chemical Operating at Capacity Levels 28
Vitamins Discussed at SCI Meeting 7
WPB to Open 13 Regional Offices .. 3
WPB Contract Distribution Offices .. 3
Waegelin Made Member of Lueders 25-Year Club 52

General Features

Advertisers' Index 59
Bids Wanted 4
Chemical Price Trends 4
Classified Advertisements 56
Closing Market Developments ... 4
Contracts Awarded ..... —
Corporation Earnings ..... —
Defense Contract Awards ..... —
Defense Materials Price Trend .. —
Dividends Declared ..... —
Editorials 24
Foreign Trade Openings ..... —
Foreign Trade Rules 58
Industrial Uses of Chemicals 40
Obituaries 30
OPD Price Index 4
Prices Current 9
Scientific, Professional Services .. 30
Trade News Briefs 43
What You Can Use 52
Where You Can Sell 40

Market Reports

Botanical Drugs, Spices, Gums .. 49
Coaltar Chemicals 32
Drugs and Fine Chemicals 45
Dyestuffs, Textile and Leather Chemicals 31
Essential Oils and Aromatics 51
Fertilizer Materials 55
Heavy Chemicals 26
Oils, Fats and Waxes 41
Paint, Varnish and Lacquer Materials 35
Petroleum Product 53

Washington Talks It Over

For More Coaltar Acids 5
Coal Patents Confusion 5
Embuttered Farmers Fight U.S. .. 5
Beans for Books 5
Reagent Order Extended 5
Oilwell Wear and Tear 33
Back to Wooden Tubs 33
Time to Mow the Tires 33

Chemical Price Views Ascend

There was a substantial upward movement of prices last week in the markets for chemicals and related materials. The advances characterized almost all divisions, heavy chemicals being noticeable newcomers. No generic influences were at work, although much of the boosting naturally reflected the pinch of war on ocean shipping.

The new schedule of freight rates had not yet been reduced to terms of prices of materials. It was indicated that these would have little if any effect on less-than-car-lot quotations for the coming quarter because of a policy of absorption. They will, however, show up in many places among the more closely figured car-lot prices.

Business had a bigger war side and was tapering off slowly but steadily at a number of places on the usual side.

Prices were advanced on sulphur, sulphate of zinc, sugar of lead, barium chloride, nitrite of soda on the Pacific coast, menthol, cassias, nutmegs, cloves, citronella oil, tolu, Peru balsam, fennel oil, corn sugar, cornstarch, gum rosin, gum turpentine, refined menhaden and sardine oils, linseed oil fatty acid, cottonseed meal in the Southeast, blood albumen, and fertilizer tankage.

Prices were reduced on casein, tapioca flour, anise, ergot, and sweet almond oil.

The result of the changes is shown in the *OPD Price Index* at the top of the column on the left.

Oil, Paint and Drug Reporter, Volume 141, No. 13, March 30, 1942. Published weekly by Schnell Publishing Company, Inc., 59 John Street, New York, N.Y., U.S.A. Telephone, REctor 2-9820. Annual subscription price:—United States and possessions, Cuba, Mexico, Central America, and South America, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter January 15, 1884, at the Post Office at New York, N. Y., under the act of March 3, 1879. Copyright, 1942, by Schnell Publishing Company, Inc.

Rapeseed Oil Uses To Be Restricted

OPD Washington Bureau
March 25, 1942

To conserve the supply and direct the distribution of rapeseed oil, the Director of Industry Operations today issued General Preference Order M-77 reserving rapeseed supplies for war needs. The order is effective immediately.

The order provides that after April 1 rapeseed oil can be used only for the manufacture of marine engine oils, heavy machine lubricating oils, pneumatic tool oils, blown rapeseed oil, and elastic solids for compounding rubber, unless specific authorization for other uses is given by the Director of Industry Operations.

The order also limits use of the oil during the balance of March in the

—*Continued on page* 38

Fish Scrap Prices To Be Set by OPA

OPD Washington Bureau
March 23, 1942

In an order that continued in effect maximum prices on fish meal, the Office of Price Administration today stated that amendments would be issued to make minor adjustments in prices to clarify certain provisions of the schedule, No. 73, and to establish maximum prices for the raw material, fish scraps, at $3 per ton below the prices on the meal.

The OPA also reduced maximum prices on meat scraps $5 per ton and on digester tankage $6 per ton, and warned that "any abnormal upward trends in the price of wet or dry rendered tankage, or the institution of irregular trade practices would be a basis for establishing suitable control measures over these raw materials."

The prices on animal product feedingstuff were pegged January 20 at levels of January 17. Today's reductions were in conformance with the requirements of the Emergency Price Control Act of 1942, giving due consideration to prices prevailing October 1-15, 1941, and to changes in the

—*Continued on page* 54

Vick Chemical Seeks American-Made Menthol

The Vick Chemical Company has placed a large trial order for menthol made from American peppermint oil with an undisclosed essential oil refiner. The refiner was not indicated, to permit time to secure sufficient raw material for the order.

American peppermint oil heretofore has never been employed as a commercial source of menthol, it was stated. The United States before the war, imported some 400,000 pounds of menthol, and imported approximately 50,000 pounds of synthetic material, estimates indicate. The war has stopped all imports of natural and synthetic menthol, and virtually stopped

—*Continued on page* 52

Penn Grade Crude Oil Advance Allowed by OPA

OPD Washington Bureau
March 25, 1942

In the first concession granted the petroleum industry in regard to crude oil prices, the Office of Price Administration today permitted a 25c. per barrel advance for Pennsylvania grade crude oils in amendment No. 3 to price schedule No. 88. The OPA also assured another 25c. advance when the daily average output reaches 85,000 barrels in a three-month period. Oil men throughout the country have vigorously protested that all-out war production could not be accomplished without the higher prices.

According to the OPA, the increases were caused by military demands for a substantial and rapid increase in production in Pennsylvania. OPA investigations and those of the Office of Petroleum Coordination have shown that an expenditure by the oil industry of approximately $15,000,000 an-

—*Continued on page* 53

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

The proposed extension of the Production Requirements plan during the next three months to the gradual elimination of all "P" orders is the greatest change in the priority system since the swing toward allocations became apparent last Fall.

The intention is to require all users of any scarce material to file PRP applications on form PD-25-A for everything they will need during a given period, including not only materials going into their products, but also materials for maintenance and repair, operating supplies, and containers. This would mean elimination of P-89 chemical industry maintenance and repair order, the health supplies rating plan, and all other industry-wide priority orders of the "P" class.

For example, a user of steel drums would have to get a PRP allocation for the steel to be used in his drums and then turn over this steel—or the PRP allocation order covering it—to the drum manufacturer before obtaining delivery of the drums. In general a priority order would be of no use in getting any material not listed in a manufacturer's overall PRP allocation.

However, it may take more than three months to eliminate all "P" orders, and the PRP may never be applied fully to some industries which produce an extremely wide range of diversified products, such as drugs and fine chemicals.

For More Coaltar Acids

The present acute shortage of coaltar acids could be relieved quickly with a little industrial statesmanship, according to some experts in the government—a minority of them so far. A newly developed high-arch, flat-deck type of cokeoven would yield five times the aid now produced from a ton of coal by the generally used slot type—and its construction requires only 20 percent of the steel, 10 percent of the silica brick, and one-half the time and cost of the slot type.

The United States has an unlimited potential capacity in coaltar products, but present technics of production prevent its realization because of excessive heating of the by-product gases in the carbonization of coal. The new oven produces both more coaltar and tar with a higher yield of acid. If additional ovens, not connected with steel plants, would be uneconomic after the war, the government could finance them and be assured of plenty of raw material for plastics, drugs, dyes, munitions, and a thousand other coaltar products.

Coal Patents Confusion

The Standard Oil synthetic rubber consent decree is one of the most complicated antitrust documents in recent years, and demonstrates the interrelations of scores of chemical processes and industries. In describing the several dozen patent agreements with as many concerns which grew out of Standard's 1929 agreement with the German dye trust over patents for hydrogenation of coal, synthetic rubber is not mentioned until paragraph No. 151.

Most major oil, rubber, chemical, and some other companies got mixed up in the patent tangle one way or another. Among the products covered by the patents in the decree are gasoline from coal, toluene, 100-octane gasoline, improved lubricants, solvents, wetting agents, synthetic alcohol, synthetic methanol, hydrogenation catalysts, butadiene, synthetic ammonia, propane, lubricating oil dewaxers, pour point depressants, and electric cable insulation.

Embuttered Farmers Fight U.S.

The dairy lobby misses few bets. Apparently in the belief that we can make munitions for guns from butter, Congressmen from the Cow States last week blocked consideration of a bill to supend—only during the war—the processing tax of 2 cents per pound on coconut oil from elsewhere than the Philippines.

This oil is badly needed to produce glycerin for munitions, and the bill was unanimously reported by the ways and means committee at the urgent request of WPB, BEW, OPA, and the Commerce and Treasury departments.

The dairymen have been screaming about competition from "two-legged cows" (coconut gatherers) for so long that they can't get "converted" to war.

Beans for Books

White coated book paper need not be a war casualty. The versatile soybean has come to the rescue. Soybean protein can substitute for milk casein very well, but it lacks the desired whiteness. Comes now the Department of Agriculture with a public service patent for bleaching soybean protein with hyposulphite of zinc or sodium.

But—wait till the dairy dragons get mobilized on this new front!

Reagent Order Extended

Preference rating order P-62 which permits the procurement of scientific apparatus and reagent chemicals will

—*Continued on page* 33

Rail Cars Must Load 6 Tons Minimum

OPD Washington Bureau
March 26, 1942

To release boxcars and other railroad equipment for the movement of war materials, Joseph B. Eastman, director of defense transportation, established minimum weight limits, beginning May 1, on loadings of cars carrying less-than-carload civilian freight. He also directed rail carriers to submit to the Office of Defense Transportation plans for individual or joint action to curb wasteful use of freight cars in the handling of merchandise.

Mr. Eastman fixed a minimum weight limit of six tons, effective May 1, on loadings of cars containing less-than-carload freight, commonly known as merchandise freight. The order raises the minimum allowable weight to eight tons per car on July 1, and to ten tons per car on and after September 1.

Rail carriers are forbidden by the order to forward any car loaded at less than the prescribed weight, un-

—*Continued on page* 38

Dunnage Weight In Closed R.R. Cars Set

The Consolidated Freight Classification Committee will presently publish a new classification rule 30, authorizing an allowance for at least part of the weight of the dunnage to secure loads in closed cars. The new rule is somewhat involved, predicating the amount of the allowance on the extent to which the weight of the load exceeds the minimum carload weight, according to E. A. Leveille, chairman of the traffic committee of the National Paint, Varnish and Lacquer Association.

An allowance of actual weight, not in excess of 250 pounds, will be made for dunnage used in closed cars loaded 25 percent or more but less than 50 percent above the minimum carload weight, and an allowance of actual weight, but not in excess of 500 pounds, for dunnage used in closed cars loaded 50 percent or more above the minimum carload weight. No allowance will be made in connection with shipments stopped enroute for partial loading or unloading; nor in connection with part carloads in excess of full carload or carloads entitled under the provisions of rule 24, currently in suspension, to the carload rate.

Rationing Authority Now Shared by J.S. Knowlson

OPD Washington Bureau
March 25, 1942

J. S. Knowlson, director of industry operations, has been empowered by Donald M. Nelson chairman of the War Production Board to delegate rationing authority to the Office of Price Administration whenever such action is considered desirable. This authority was previously delegated by the President to the chairman of the War Production Board. The amendment is purely administrative in nature, and means that the authority to delegate rationing powers may be exercised by Mr. Knowlson as well as by Mr. Nelson.

Joel Dean has been named as chief of gasoline rationing in the newly created Rationing Division of the Office of Price Administration. Mr.

—*Continued on page* 48

OPA Rationing Upheld

Omaha, Mar. 25, 1942

Judge D. E. O'Brien of the Municipal Court here has ruled that, whenever any pending litigation is affected by a rationing order of the Office of Price Administration, the rationing order will control in determination by his court of the rights of the parties in the suit at issue. He sustained the validity of OPA's tire rationing rules and issued an injunction permanently restraining the delivery of new tires and tubes to a buyer who claimed to have arranged the purchase before the government "froze" all tire sales.

Antimony Increase Approved by OPA

OPD Washington Bureau
March 23, 1942

All producers and producers' agents of antimony metal are requested today by Acting Price Administrator John E. Hamm not to make sales at more than 14½ cents per pound for bulk carload lots, f.o.b. Laredo, Tex., of the standard grade. For several years, the market price for this standard grade —99.0 to 99.8 percent pure antimony— has been 13 cents per pound, f.o.b. Laredo, where the country's principal producer is located. On August 21, 1941, a proposed price increase was rescinded at OPA's request.

Since then, numerous conferences have been held with members of the

—*Continued on page* 28

Aluminum, Magnesium Repair Order Issued

OPD Washington Bureau
March 25, 1942

Producers and basic fabricators of aluminum and magnesium have been granted the use of a preference rating of A-1-j on their orders for repair, maintenance and operating supplies by Preference Rating Order P-120, issued today by the Director of Industry Operations. The order is applicable only when specifically assigned to an individual company with a serial number which must be used in all applications of the rating.

In addition to the A-1-j rating for normal use, any company to which a copy of the order is issued may use an A-1-a rating on orders for mate-

—*Continued on page* 47

Molybdenum Allocations Postponed to May 1

OPD Washington Bureau
March 24, 1942

Consumers of molybdenum have been notified that, because of lack of time, General Preference Order M-110 which calls for a complete allocation system will not be placed in effect in April, the Director of Industry Operations announced today. Requests for delivery of molybdenum must be received by the War Production Board by the twentieth of the preceding month, it was explained, and the complete working of the order will take effect May 1.

For the remainder of March and April, these general rules should be observed:—

No order should be placed or accepted which will increase the customer's minimum working industry.

Shipments during March or April should not exceed shipments made to the same customer during either January or February, whichever was the greatest. If such an amount already has been shipped for March no further shipments should be made for the month.

No deliveries of molybdenum should be made before May 1 except on ratings or A-10 or higher.

Chromium Uses Restricted by WPB

OPD Washington Bureau
March 26, 1942

Limitations on the use of chromium in chemicals today were ordered by J. S. Knowlson, Director of Industry Operations, in Order M-18-b. The order, which is effective immediately, sets up these limitations:—

The use of chromium in the manufacture of roofing materials, ceramics, soap, and glass is prohibited. Chromium pigment is restricted to 90 percent, by months, of the amount used in the year ending June 30, 1941. The manufacture of chromic acid is restricted to 80 percent of the base period. Chromium used for the tanning of leather is restricted to 90 percent. All other uses of chromium as a chemical are restricted to 100 percent of the base period. Chromium used in the preservation of wood is restricted to preference ratings of A-10 or higher.

The order does not restrict the metallurgical or refractory uses of chromium.

Ralph Cherry Succeeds Henry Ralph As Head of OPD Washington Bureau

April 1, Ralph L. Cherry will become the new chief of the Washington Bureau of OIL, PAINT AND DRUG REPORTER. He will succeed Henry D. Ralph, who has held the post for fifteen years.

Mr. Ralph is compelled by ill health to terminate his long connection with the REPORTER. His going is keenly felt by the OPD general and editorial management, and is regretted by his numerous friends in governmental, business, and journalistic circles of the capital. His work has won for him recognition as one of the most distinguished business paper correspondents in the city which in recent, critical years has become the chief news center of the world.

Ralph Cherry is equally well known in official, professional, and trade association Washington as a journalist of about as long experience, recently as chief of the Washington Bureau of the *Journal of Commerce*. He has a comprehensive knowledge of economic and political affairs and of the relations of government and business. He is well equipped to carry on the important work of OPD Washington Bureau with its forty years of achievement.

Beginning April 1, OPD Washington Bureau will be located at 621 Albee building, Fifteenth and G streets. The telephone number is Executive 1444.

THREE ADVANTAGES* OF THE NITROPARAFFINS as Solvents in Protective Coatings

* HIGH SOLVENT POWER

The Nitroparaffins have strong solvent power for a wide variety of materials, including Cellulose Acetate, Cellulose Triacetate, and Cellulose Acetobutyrate. They are also among the most powerful solvents known for the vinyl acetate-vinyl chloride co-polymers.

* HIGH TOLERANCE FOR DILUENTS

The Nitroparaffins exhibit high tolerances for the commonly used diluents. High solids at spraying viscosity can readily be obtained with these solvents.

* FAVORABLE EVAPORATION RATE

The NP's are medium-boiling solvents, 1- and 2-Nitropropane having evaporation rates approximating that of Butyl Acetate. Therefore, in protective coatings they contribute excellent flow, blush-resistance, and rapid-drying characteristics.

Manufacturers who are preparing today for the needs of tomorrow should investigate the NP's. Write for your copy of 40-page data book describing these useful solvents.

COMMERCIAL SOLVENTS
Corporation

17 EAST 42nd STREET, NEW YORK, N. Y.

1-NITROPROPANE • 2-NITROPROPANE

BUTANOL • BUTYL ACETATE • DIBUTYL PHTHALATE • ETHYL ALCOHOL • ETHYL ACETATE

F.T.C. Hits Glucose Marketing Scheme

OPD Washington Bureau
March 24, 1942

The Federal Trade Commission has ordered Corn Products Refining Company and its sales subsidiary, Corn Products Sales Company, New York. to cease and desist from discriminating in price and in services and facilities and from exclusive dealing arrangements in violation of the Robinson-Patman and Clayton acts in connection with the sale of products resulting from the grinding and refining of corn, such as bulk glucose or corn syrup, corn starch and starch products, dextrose, and corn gluten feed and meal.

Commission findings follow in part:

The respondents have discriminated in price in the sale of bulk glucose, sold largely to candy manufacturers, by (1) selling at delivered prices

—*Continued on page* 47

Hilton-Davis Co. Elects L. A. Hoffman President

Cincinnati, O., Mar. 24, 1942

The Hilton-Davis Chemical Company has elected Louis A. Hoffman, president and general manager, to fill the vacancy caused by the death of A. Brooking Davis. Mr. Hoffman was formerly vice-president and treasurer. J. F. Thompson, jr., was elected vice-president in charge of manufacturing and research and will continue to serve as chief chemist and assistant secretary.

George W. Neider, sales manager was elected vice-president in charge of sales. Donald F. Walker will continue to serve as secretary and assistant treasurer. Clinton L. Taylor of the company's research staff was elected a director replacing the late Mr. Davis. Carl W. Aneshansel, manager of the ink department takes over the duties as treasurer.

The new president is a graduate of the University of Illinois. He started with the Ault & Wiborg Company as plant chemist after graduation in 1917. He has been with Hilton-Davis since its formation in 1922.

Japanese Beetle Quarantine Broadened

OPD Washington Bureau
March 25, 1942

The Department of Agriculture has announced that Japanese beetle quarantine regulations have been revised, as of March 24. Regulated areas have been extended to include relatively small sections in Maryland, New York, Pennsylvania, Virginia and West Virginia. The new areas include parts of the counties of Allegany and Washington, Md., the previously unregulated parts of Carroll, Frederick, and Prince Georges counties, Md., parts of Ontario and Monroe counties, N. Y., Meadville, Pa., Charlottesville, Danville, Schoolfield, and Front Royal, Va., Paden city, and the magisterial district of Lincoln in Tyler county, W. Va. These additions to the regulated area are made because numbers of

—*Continued on page 28*

Kelp Held Duty Free Regardless of Condition

OPD Washington Bureau
March 23, 1942

Ground kelp is free of duty under the specific provision for kelp in the tariff act of 1930, and is not dutiable as manufactured seaweed at 10 percent ad valorem, the United States Court of Customs and Patent Appeals decided today in a case involving Centennial Flouring Mills Company.

The government contended that since kelp is a seaweed, and grinding is a manufacturing process, ground kelp should be dutiable as manufactured seaweed. The court held that since the act lists kelp and seawood separately and makes no distinction between crude and manufactured kelp, as in the case of seaweed, Congress intended all imports of kelp to enter free of duty, regardless of manufactured condition.

N.W.D.A. Defendants Plead Not Guilty

Newark, N. J., Mar. 16, 1942

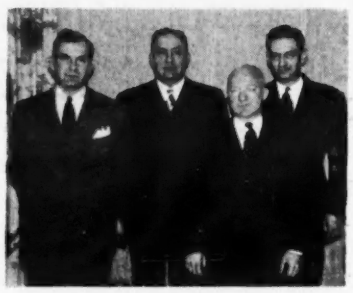
The National Wholesale Druggists Association, twenty-three wholesale druggist members of the organization, and twenty-nine individual members of the wholesale drug trade appeared by counsel this forenoon before Judge William F. Smith in the United States District Court and entered pleas of not guilty to the indictment that they violated the Sherman act by making use of State fair-trade laws and the Tydings-Miller Federal enabling act in manners not contemplated or authorized by those statutes. One joint plea was entered by Counsel James Carpenter for the association and forty-two other defendant companies and individuals. A separate plea was entered by Counsel C. Frank Beavis for McKesson & Robbins, Inc., and its six indicted officers and for Charles Leich & Co.; another plea, entered by Counsel J. E. Walscheid, was for D. Kaltman & Co. and David L. Kaltman. Defendants' counsel in appearance in-

—*Continued on page* 47

Atlanta Drug, Chemical Club Elects Officers

Atlanta, Ga., Mar. 26, 1942

Formed here recently was the Atlanta Drug and Chemical Club, an organization for men holding executive positions and special representatives of drug and chemical firms or allied in-



G. R. Fellows, Lewis W. Robinson, R. D. Rainey, A. W. Duke

dustries. George R. Fellows, Southeastern representative for Fritzsche Brothers, New York, was elected president of the group, with other officers as follows:—Lewis W. Robinson, Southeastern representative of Merck & Co., Rahway, N. J., vice-president; R. D. Rainey, editor-manager *Southeastern Drug Journal*, secretary; A. W. Duke, Atlanta Economy Drug Company, treasurer. On the board of directors are:—Fred L. Lewis, John B. Daniel, Inc., chairman; J. W. Renshaw, Lamar & Rankin; Frank L. Smith, Bauer & Black; Irving Mettelmann, Pepsodent; C. B. Dyar, Abbott Laboratories.

The organization, patterned after New York and Chicago drug and chemical groups, was formed for the purpose of promoting fellowship, co-

—*Continued on page* 52

Dry Egg Products Are Dutiable at 18c per Pound

OPD Washington Bureau
March 23, 1942

Egg products which are dry rather than liquid are dutiable at 18 cents per pound, the United States Court of Customs and Patent Appeals ruled today in a case brought by the F.F.G. Harper Company. The merchandise imported by the company was prepared in China by a process in which egg yolks were dried rapidly by hot air and then flaked, but the heat was not sufficient to prevent the yolk from deteriorating and it was kept under refrigeration continuously during shipment.

The company claimed that for this reason it should not be classified with other dried eggs but should pay duty at 11 cents per pound as "frozen or otherwise preserved." The court held that the yolks were dry in the ordinary sense and that Congress obviously intended to impose a higher per pound duty on dried eggs than on eggs in liquid form.

N.A.R.D., 14 N.J. Associations Indicted for Fixing Prices

A Federal grand jury sitting in Newark, N. J., March 26 returned an indictment against the National Association of Retail Druggists, the New Jersey Pharmaceutical Association, thirteen local and county pharmaceutical associatons, and fifteen of their officers and agents, charging conspiracy to violate the Sherman act.

The indictment charged a conspiracy to fix retailers' margins of profit on drug store items (a) by fixing the retail prices of such items, and (b) by fixing the prices at which the said retailers purchased drug store items from wholesalers. Drug store items were defined as including patent and proprietary medicines, cosmetics, toiletries, drug sundries, simple home remedies and other items customarily sold in drug stores.

The indictment further charged that the conspiracy was not formed with the intent of carrying out the purposes of either the Miller-Tydings amendment to the Sherman act or the New Jersey State fair trade law, but was formed for the purpose, among others, of fixing prices under the guise of compliance with such acts. The indictment made no attack on either the Federal or State acts, but was directed against the misuse of these acts in such a way as to constitute a violation of the antitrust laws.

The indictment also set forth:—

Certain acts were done in compliance with the laws but in a manner contrary of their terms. A system known as the "Captain Plan" was established and operated for rapid dissemination of information. The combination was made effective by circulation of lists of manufacturers and intelligence on negotiations with producers concerning forms and terms of contracts and the establishment of certain prices.

There was both negative and positive cooperation by the conspiring druggists, positive to those manufacturers whose policies had been approved and negative, exteding to threats of boycott and actual boycott in some cases, to those manufacturers who refused to accede.

Members of the New Jersey association were disciplined if they sold items at prices below those established by producers. A system of espionage and collective enforcement was established.

The defendant druggists were further charged with "obstructing, restricting and preventing the distribution of drug items through other than drug channels."

The following is a list of the defendants:—

National Association of Retail Druggists, Chicago, Ill.; Conference of Pharmaceutical Association Secretaries; New Jersey Pharmaceutical Association, Trenton, N. J.; the Atlantic County Drug Club; Bergen County Pharmaceutical Association; Camden County Pharmaceutical Association; Drug Federation of New Jersey, Inc., operating under the name Essex County Pharmaceutical Association; Hudson County Pharmaceutical Association, sometimes known as the Hudson County Retail Druggists Association; Passaic County Pharmaceutical Association, N. J., Union County Pharmaceutical Society, Inc., Elizabeth Pharmaceutical Association, Mercer County

—*Continued on page* 48

N.W.D.A. to Discuss Wartime Problems

A discussion of wartime problems is scheduled for the executive session of wholesalers for the mid-year meeting of the National Wholesale Druggists Association, to be held in the Palmer house, Chicago, April 16-17. An executive session of wholesalers starting Thursday morning will take up Priorities Regulation No. 1 with its explicit limitations on wholesalers' inventories; the question of automobile, tire and gasoline shortage and methods which are being used to overcome these difficulties; price ceilings thus far established and the schedules which wholesalers are obligated to follow; salesmen, frequency of calls, replacements, etc.; curtailment of deliveries; women as replacements for men; changing sales territories and many other items.

Harold Harper, counsel for the association, is scheduled to report on the recent N.W.D.A. recent indictment on antitrust charges. George W. Kauff-

—*Continued on page* 48

A.D.M.A. Scientists To Discuss Vitamins

The subcommittee on vitamins under the chairmanship of Dr. Arthur D. Holmes has made a series of investiport on the following at the annual meeting of the American Drug Manufacturers Association, to be held at White Sulphur Springs, May 4-7:

1. Data on the microbiological assay of Riboflavin.
2. Data on the melting range of Nicotinamide.
3. Data on analytical methods and specifications for Pyridoxine.

Vitamins Discussed At S.C.I. Meeting

Vitamins were discussed at a joint meeting of the American Section of the Society of Chemical Industry and the American Institute of Chemical Engineers, held in the Chemists Club, this city, last week. Dr. R. T. Major, head of the research and development department of Merck & Co., manufacturing chemists, Rahway, N. J., discussed "Synthetic Vitamins, a New American Industry." Dr. Major, who spoke in place of George U. Merck, the scheduled speaker, said that thirty years ago the vitamin doctrine was a hypothesis, but today the production of synthetic vitamins in commercial quantities is an American industry. Nutritional studies and economic surveys, he said, have shown the necessity for safeguarding the national health by making vitamins available in the diet of every citizen, citizen and soldier alike, and today enriched flour

—*Continued on page* 43

Luminescent Materials To Be Discussed by A.C.S.

Military requirements for all types of plastics and varying uses for luminescent materials during total and partial blackouts will be described by leading industrial and government scientists at the 103rd meeting of the American Chemical Society to be held in Memphis, Tenn., April 20 to 24. Twenty-four papers will be presented before the society's division of paint, varnish, and plastics chemistry, which will hold morning and afternoon sessions on Tuesday and Wednesday, April 21-22.

Dr. W. W. Bauer of the Pittsburgh Glass Company, Pittsburgh, Pa., will preside at the Tuesday sessions, and Dr. S. L. Bass of the Dow Chemical Company, Midland, Mich., chairman of the division, at the Wednesday sessions. Lieut. E. T. McBride, of the War Department, Washington, will report on the plastic substitution program of the Ordnance Department and the use of camouflage paints on ordnance material.

Methods of measuring the low levels of illumination under which many military and some civilian operations may need be performed during wartime will be explained by Dr. C. E. Barnett of the New Jersey Zinc Company, Palmerton, Pa.

Cork Supplies Redefined In Preference Order

OPD Washington Bureau
March 26, 1942

To insure equal distribution of available supplies of cork, amendment No. 1 to General Preference Order M-8-a has been issued. The amendment is effective immediately. The amendment provides a new definition of the term "supplier" to include any person in the United States who engages in the importation, sale, manufacture or processing of cork, or in the importation of manufactured cork in finished or semi-finished form. The amendment continues the original order in effect until revoked. Order M-8-a was scheduled to expire March 31, 1942.

The Best Defense Against *Tanks*

Tanks are almost impregnable until they meet these U. S. 37 mm Anti-Tank Guns and the new 75 mm "Tank Destroyers"—mobile, fast-firing guns that hurl armor-piercing projectiles with terrific speed and deadly accuracy.

The Best Defense Against *Waste*

In these days, when waste of your product is a waste of defense effort, when you safeguard your drums you help safeguard America.

And just as there is a *best* defense against tanks, there is a *best* defense against *waste*. That defense—an impregnable defense against pilferage, leakage and other losses—is provided by Tri-Sure Closures. The Tri-Sure seal prevents tampering, because it cannot be removed unless it is deliberately destroyed. The Tri-Sure plug prevents leakage, because it is always held tightly in place. The Tri-Sure flange assures complete drainage, because it is always flush with the inside of the drumhead.

Take the first step now to make every drum a fortress for your product—to make every shipment a safe shipment. Write today for complete information about Tri-Sure Closures.

Tri-Sure
Reg. U. S. Pat. Off.
CLOSURES

AMERICAN FLANGE & MANUFACTURING CO. INC., 30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

Current Market Quotations

All matter under this heading fully protected by copyright

March 27, 1942

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes, trends and resale prices are noted in the market reports, with other informative comment. The locations of the several reports is indicated on page 4.

A

Acacia (see Gum, arabic).

Acetaldehyde, 99%, dms., 55 and 110 gls., works..lb. .11 - —
5 and 10 gls., works.....lb. .14 - —

Acetaldol (see Aldol).

Acetamide, CP, kgs., 5,000 lbs. a year, works..lb. .36 - —
200-lb. lots, works.....lb. .38 - —
100-lb. lots, works.....lb. .55 - —
5 to 50-lb. lots, works....lb. .70 - —
tech., kgs., 5,000 lbs. a year, works..lb. .28 - —
500-lb. lots, works.....lb. .30 - —
100-lb. lots, works.....lb. .45 - —
5 to 50-lb. lots, works....lb. .50 - —

Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls., 2,000-lb. lots, lb. .36 - —
smaller lots.....lb. .37 - —
dms., 25-lb. lots.....lb. .42 - —
kgs., 2,000-lb. lots.....lb. .37 - —
smaller lots.....lb. .38 - —
powd., bbls., 2,000-lb. lots..lb. .34 - —
smaller lots.....lb. .35 - —
dms., 25-lb. lots.....lb. .40 - —
kgs., 2,000-lb. lots.....lb. .35 - —

Acetoacetanilide, dms.....lb. .56½- .73½

Acetone, CP,[1] dms., c.l., dlvd..lb. .08¼- .16
l.c.l., dlvd.....lb. .09 - .17
tanks, dlvd.....lb. .07 - .15
Methyl (see M).

[1] The term 'Eastern' territory means the States of New Mexico, Colorado, Wyoming, Montana and all States east thereof, and the term 'Western' territory shall mean all other States of the United States.

Acetonitrile, dms., works.....lb. 1.00 - 2.00

Acetophenone, cns., dms.....lb. 1.55 - 1.60

Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs., dms.....lb. 1.08 - —
25 lbs., dms.....lb. 1.10 - —

Acid, abietic, dms., c.l., f.o.b. all points in U.S. E. of and including Kans., Neb., N.D., Okla., S.D., Tex. E. of Austin and Brownsville..lb. .08¾- —

Acetic,[1] com'l or redist., 28%, bbls..100 lbs. 3.38 - 3.63
cbys., cs.....100 lbs. 3.88 - 4.13
56%, bbls.....100 lbs. 5.58 - 5.82
cbys., cs.....100 lbs. 6.08 - 6.32
70%, bbls.....100 lbs. 6.68 - 6.93
cbys., cs.....100 lbs. 7.18 - 7.43
80%, bbls.....100 lbs. 7.47 - 7.72
cbys., cs.....100 lbs. 7.97 - 8.12
glacial, nat., CP, cbys.100 lbs.14.20 -14.45
99.5%, bbls.....100 lbs. 9.15 - 9.40
cbys.....100 lbs. 9.65 - 9.90
tanks, works.....100 lbs. 6.98 - —
USP, cbys.....100 lbs.11.70 - —
synth., 99.5%, al. dms., wks. 100 lbs. 9.15 - 9.40
tanks, works.....100 lbs. 6.25 - 6.98
USP XI, al. dms., works. 100 lbs.10.95 -11.20
CP, dms., works.....100 lbs.14.20 -14.45
pure, 30%, bbls.....100 lbs. 4.44 - 4.69
cbys., cs.....100 lbs. 4.94 - 5.19
36%, bbls.....100 lbs. 4.86 - 5.11
cbys., cs.....100 lbs. 5.36 - 5.61
60%, bbls.....100 lbs. 7.60 - 7.85
cbys., cs.....100 lbs. 8.10 - 8.35
80%, bbls.....100 lbs. 9.26 - 9.51
cbys., cs.....100 lbs. 9.76 -10.01

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply delivered within the Metropolitan zones unless otherwise indicated in the above prices.

Acetic, anhydride,[2] dms., c.l., frt. alld..lb. .11½- —
l.c.l., dms., frt. alld.....lb. .13 - —

*Acetylsalicylic,[1] producers, primary jobbers, special, USP, 200-lb. bbls., f.o.b. shipm't point..lb. .45 - —
100-lb. kgs., same basis. lb. .45 - —
25-lb. dms., same basis. lb. .46 - —
5-lb. ctns., same basis. lb. .59 - —
†1-lb. ctns., same basis. lb. .61 - —

Standard, USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - —
100-lb. kgs., same basis..lb. .40 - —
25-lb. dms., same basis..lb. .41 - —
5-lb. ctns., same basis..lb. .54 - —
†1-lb. ctns., same basis..lb. .56 - —

* Freight equald., shipm't identical quantity, over standard routes, from N.Y. City, Phila., Midland, Mich.; Chicago, and St. Louis.

†3c. per lb. may be added for acid packaged in canisters, and 8c. per lb. when packaged in 1-lb. bots.

Adipic, fib. dms., works.....lb. .31 - —

Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —

Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs....lb. .20 - .22

Ascorbic,[1] bots., dms.....oz. 1.65 - 1.85

Battery, cbys., c.l., E. works.. 100 lbs. 1.60 - —
10-25, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —

Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —

Acid, benzoic, USP, bbls., 4,000 lbs. or more..lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60

Boric,[2] tech., 99.5%, gran., bulk, frt. alld..ton.95.50 - —
bgs., c.l., frt. alld...ton.99.00 - —
ton lots, ex whse...ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld...ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
powd., bgs., c.l., frt. alld. ton.104.00 - —
ton lots, ex whse...ton.116.0 - —
less than ton lots, ex whse...ton.121.00 - —
bbls., c.l., frt. alld..ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —
USP $25 per ton higher.

Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —

Broenner's, bbls.....lb. 1.11 - —

Camphoric, cns.....lb. 6.95 - 7.00

Capric, dms.....lb. .21½- .22

Caproic, dms., works.....lb. .25 - .30

Caprylic, dms.....lb. .27 - .27½
Castor oil,[3] split, dms.....lb. .20¾- .21¼

Chlorosulphonic, dms., c.l., wks., lb. .03 - —
5-drum lots, works.....lb. .03½- —
single drums.....lb. .04½- —
tanks, works.....lb. .02½- —

Chromic,[2,3] 99%, dms., c.l., dlvd. N.Y..lb. .16¼- —
l.c.l., 5 tons, dlvd. N.Y., lb. .16¾- —
smaller quantities, dlvd. N.Y..lb. .17¼- .18¼

Cinnamic, refd., bots.....lb. 3.50 Nom.

Citric,[1] cryst., gran., bbls., car lots..lb. .20 - —
10,000-lb. lots, one shipt., lb. .20½- —
200-10,000 lbs.....lb. .21 - —
100 lbs., dms. or kgs..lb. .21½- —
50 lbs., dms. or ctns..lb. .23 - —
25 lbs., dms. or ctns..lb. .24 - —
5 lbs., in 5-lb. cont....lb. .29 - —
anhyd., gran., dms., c.l.lb. .22½- —
10,000 lbs., one shipment, lb. .23 - —
smaller lots.....lb. .23½- .26½

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b. N.Y. Chicago and St. Louis deliveries are ½c. higher than N.Y.

Cleve's, bbls.....lb. .65 - —

Coconut oil,[3] dist., dms.....lb. .18½- .19

Cottonseed oil,[3] dist., dms...lb. .14½- .15
tanks .....lb. .14 - —

Cresylic (coaltar),[2,7] high-boil 50%, 210°-215°, dms., c.l., l.c.l., same basis.....gal. .83 - .86
works, frt. equald..gal. .81 - .84
special blends (50%, 210°-215°), dms., c.l., works, frt. equald..gal. .81 - .84
l.c.l., same basis.....gal. .83 - .86
low-boil (50%, 204°-206°), dms., c.l., works, frt. equald..gal. .81 - .84
l.c.l., same basis.....gal. .83 - .86
special blends (50%, 204°-206°), dms., c.l., works, frt. equald..gal. .81 - .84
l.c.l., same basis.....gal. .83 - .86
imported, pale, dms.....gal. No prices

Diethylbarbituric (see Barbital).

Formic, dom., 90%, cbys., c.l., works..lb. .10½- —
l.c.l., 5 cbys. and over..lb. .11 - —
1-24 cbys.....lb. .11½- —

Fumaric, tech., special, bbls., ton lots..lb. .27 - —
smaller lots, bbls., dms..lb. .28 - .31

Gallic, tech., bbls.....lb. 1.10 - 1.12

NF VI, bbls., 200 lbs., 5 or more..lb. 1.27 - —
smaller lots.....lb. 1.30 - —
fib. dms., 25 lbs.....lb. 1.34 - —

Gamma, bbls.....lb. .85 - —

Gluconic, tech., 50%, bbls., 500 lbs..lb. .12 - —
100-lb. kgs.....lb. .15 - —
25 or 50-lb. demij.....lb. .21 - .23
5-lb. bots.....lb. .29 - —

H, bbls.....lb. .45 - —

Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —

Acid, hydrobromic, 10% dilute, cbys..lb. .20 - —
concentrated, 34%, cbys....lb. .35 - —

Hydrochloric (see Muriatic).

Hydrocyanic, cyls., works...lb. .80 - 1.00

Hydrofluoric, 30%, bbls.....lb. .06 - .06½
rubber, dms.....lb. .08 - .08½
48%, lead, cbys.....lb. .12 - —
rubber, dms.....lb. .11 - —
52%, lead, cbys.....lb. .13 - —
rubber, dms.....lb. .12 - —
60%, lead, cbys.....lb. .14 - —
rubber, dms.....lb. .13 - —

Hydrofluosilic, 30-35%, 420 lbs., bbls..lb. .09 - .09½

Hypophosphorus, U S P, 30%, djns..lb. .75 - .80

Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works...100 lbs. 4.15 - —
44%, bbls., c.l., works.... 100 lbs. 6.30 - —
l.c.l., bbls., works.... 100 lbs. 6.55 - —
cbys., works...100 lbs. 7.55 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.90 - —
l.c.l., works.....100 lbs. 4.15 - —
cbys., works..100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works.....100 lbs. 7.55 - —
cbys., works...100 lbs. 8.55 - —
50%, edible, 20 or more cbys..lb. .12½- —
5 to 19 cbys.....lb. .13 - —
1 to 4 cbys.....lb. .13½- —
80%, bbls., cbys., 5 or more..lb. .24¼- —
1 to 4 cbys.....lb. .24¾- —
plastic grade, bbls., cbys., 20 or more..lb. .14¼- —
5 to 10 cbys.....lb. .14¾- —
1 to 4 cbys.....lb. .15¼- —
USP XI, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .55

Lauric, dist., tech., dms.....lb. .20 - .20½

Laurent's, bbls.....lb. .45 - —

Linseed oil,[3] light, dms.....lb. .21 - .21½

Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .25 - —
l.c.l. .....lb. .26 - —

Malic, powd., kegs.....lb. .47 - —

Mandelic, dms., 1,000 lbs....lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.15

Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009

Molybdic, kegs, works.....lb. .95 - 1.10

Monochloracetic, tech., bbls..lb. .17 - —
purified, bbls.....lb. .20 - —

Monosulphonic, bbls.....lb. 1.50 - —

Muriatic, 18°, cbys., c.l., E., works..100 lbs. 1.50 - —
l.c.l., 25 and over, E., works..100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works.... 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works...100 lbs. 2.10 - —
1 to 9, works...100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works...100 lbs. 2.60 - —
1 to 9, works...100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.85 - —
CP, dealers, cbys.....lb. .06½- —
6-lb. bots.....lb. .17½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .19 - —

Myristic, dist., dms.....lb. .18 - .18½

Naphthenic, dom., acidity 220-230, dms., c.l., works..lb. .10 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
235-245 acidity, dms., c.l., works..lb. .12 - —
l.c.l., works.....lb. .13 - —
tanks, c.l., works.....lb. .11 - —

Nicotinic, 100-lb. fib. dms....lb. 6.65 - —
50-lb. fib. dms.....lb. 6.75 - —
25-lb. fib. dms.....lb. 6.80 - —
5-lb. tins.....lb. 6.96 - —
1-lb. bots.....lb. 7.00 - —

Nicotinic, amide, 25-lb. lots..lb.17.00 - —
5-lb. lots.....lb.17.10 - —

Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western, works...100 lbs. 5.75 - —

Acid, nitric, 38°, cbys., l.c.l., 25 and over, E. works.... 100 lbs. 5.75 - —
10 to 24, works...100 lbs. 5.85 - —
1 to 9, works...100 lbs. 6.45 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.09 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works...100 lbs. 6.35 - —
1 to 9, works...100 lbs. 6.95 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works...100 lbs. 6.85 - —
1 to 9, works...100 lbs. 7.45 - —
CP, USP, dealers, cbys....lb. .11¼- —
7-lb. bots.....lb. .21½- —
consumers, cbys.....lb. .13 - —
7-lb. bots.....lb. .23 - —

Oleum (see sulphuric fuming).

Oxalic,[1] dom., bbls., c.l., works, lb. .11¼- —
900 lbs. or over.....lb. .11½- —
smaller quantities...lb. .12½- —

Palm oil, white, dist., dms...lb. .13 - .13½
tanks .....lb. .12½- —

Paraminobenzoic, cns.....lb. 1.40 - —

Paranitrobenzoic, cns.....lb. .72 - —

Phenylacetic, bots.....lb. 1.85 - 1.90

Phosphoric, 50%, pure food grade, c.l., bbls., works, frt. equald.... 100 lbs. 4.00 - 4.25
cbys., works, frt. equald.. 100 lbs. 4.35 - 4.60
l.c.l., 10 or more, wks., frt. alld..100 lbs. 5.25 - 6.25
1 to 9 cbys., works, frt. alld..100 lbs. 6.25 - 7.25
tankcars, works, frt. equald..100 lbs. 4.00 - 4.25
tankwagons, dlvd., N.Y., Phila. Met. area.100 lbs. 4.75 - —
75% pure food grade, c.l., bbls., works, frt. equald. 100 lbs. 4.75 - 5.00
cbys., works, frt. equald. 100 lbs. 5.10 - 5.35
l.c.l., 10 or more, wks., frt. alld..100 lbs. 7.00 - 8.50
1 to 9 cbys., works, frt. alld..100 lbs. 8.00 - 9.50
tankcars, works, frt. equald..100 lbs. 4.00 - 4.25
tankwagons, dlvd., N.Y., Phila. Met. area.100 lbs. 4.75 - —
USP, 85%, a. g., 1,710 cbys., 180 lbs. .12 - —
50%, a. g., 1,347, cbys., 70 lbs..lb. .10¼- —
dms., 25 lbs.....lb. .12 - —
10%, dilut., cbys., djns...lb. .07 - .07½

Picramic, kgs.....lb. .65 - .70

Picric, bbls.....lb. .35 - —

Propionate, synth, pure, 55-gal. dms., returnable, works.lb. .14 - —
tanks, works.....lb. .11 - —

Pyrogallic, tech., lump, powd., bbls..lb. 1.45 - —
cns.....lb. 1.63 - —
USP, cryst., cns.....lb. 2.10 - —
resub., cns.....lb. 2.60 - —

Pyroligneous, bbls., dlvd. E.gal. .25 - —

Ricinoleic, com'l, split (see Acid, castor oil, split). tech., dms., works.....lb. .32 - .37

Salicylic,[1] tech., bbls.....lb. .33 - —
USP, bbls., c.l.....lb. .28 - —
smaller lots.....lb. .35 - .46

Sebasic, tech., bbls., works..lb. .82 - —

Soybean oil,[3] dist., dms.....lb. .19¼- .20

Stearic,[3] double pressed, bgs., dlvd..lb. .1580-.1680
single pressed, bgs., dlvd...lb. .1525-.1625
triple pressed, bgs., dlvd...lb. .1855-.1985

Succinic, bbls.....lb. .75 - —

Sulphanilic, CP, bots., works..lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —

Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E., works.....ton.18.00 - —
66°, cbys., c.l., E. works. 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, E., works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, dealers, cbys.....lb. .06½- —
consumers, cbys.....lb. .08 - —
9-lb. bots.....lb. .17 - —
fuming, 20%, tanks, E. works. ton.19.50 - —

Tannic, tech., bbls., dms.....lb. .71 - .75
USP, fluffy, bbls., 1,000-lb. lots..lb. 1.33 - —
100-lb. lots.....lb. 1.35 - —
25-lb. lots.....lb. 1.38 - —
powd., bbls., 1,000 lbs.....lb. 1.13 - —
smaller lots.....lb. 1.15 - —

Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipt..lb. .10¼- —
smaller quantities.....lb. .71 - —
kgs. .....lb. .71½- —

Tobias, bbls.....lb. .55 - .60

Trichloracetic, bots.....lb. 2.00 - 2.50

Tungstic, CP, 100-lb. pkg....lb. 2.94 - 3.10
pure, 100-lb. pkg.....lb. 2.86 - —

Aconite, leaves, bls.....lb. 1.40 - 1.45
Root, bls.....lb. 1.85 - 1.90

Aconitine, amorph., bots.....oz.22.00 -23.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 -43.00
15-gr. vials.....vial. 1.60 - —

Wartime Status of Materials

Applications of WPB and OPA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Price Ceiling
[2]—Price Suggestion or Agreement
[3]—Full Priority Control
[4]—Industry Control
[5]—General Limitation Order
[6]—Allocation

Acrylonitrile—Barytes

Acrylonitrile, dms., c.l.	lb.	.34½-	—
5,000 lbs. or more	lb.	.35 -	—
1 ton to 4,999 lbs.	lb.	.35½-	—
1 dm. to 1 ton	lb.	.36 -	—
tank cars		.34 -	—
Adeps lanae, anhyd., dms.	lb.	36 -	.37
hyd., dms.	lb.	.35 -	.36
Agar,[6] Kobe No. 1, strp.	lb.	4.75	Nom.
Agaric, white, bls.	lb.	No stocks	
Albumen, blood, dark, flake, c.l., f.o.b. Chicago, frt. alld.	lb.	.12½-	—
ton lots, frt. alld.	lb.	.15 -	—
bgs., same basis	lb.	.16 -	.20
light, dom., flake, dms., f.o.b. Chicago, frt. alld.	lb.	.65 -	.75
import., bgs.	lb.	No prices	
Egg, ed., dom., cryst., bbls.	lb.	1.73 -	1.78
powd., dms., bbls.	lb.	1.78 -	1.83
import., cs.	lb.	1.73 -	1.78
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld.	lb.	.141 -	—
l.c.l., frt. alld.	lb.	.151	—
tanks, frt. alld.	lb.	.131 -	—
normal, dms., l.c.l., works.	lb.	.42 -	—
Tertiary, refd., dms., l.c.l., frt. alld.	lb.	.09 -	—
Benzyl, cns.	lb.	.65 -	.75
drums	lb.	.68 -	—
Butyl, normal,[1] dms., c.l., frt. alld.	lb.	.12¾-	.163
l.c.l., frt. alld.	lb.	.14 -	.173
tanks, frt. alld.	lb.	.12¼-	.156

• The term 'Eastern' territory means the States of New Mexico, Colorado, Wyoming, Montana and all States east thereof, and the term 'Western' territory shall mean all other States of the United States.

secondary, dms., c.l., frt. paid E. of Miss. R.	lb.	.09½-	—
l.c.l., same terms	lb.	.10 -	—
tanks, same terms	lb.	.08½-	—
tertiary, denaturing, c.l., dms.,	lb.	.12½-	—
l.c.l., dms.	lb.	.13 -	—
Cetyl, dom., CP, fiber ctns., 1,000 lbs.	lb.	1.50 -	—
500 lbs.	lb.	1.70 -	—
100 lbs.	lb.	1.80 -	—
25 lbs.	lb.	1.90 -	—
5 lbs.	lb.	2.00 -	—
Cinnamic, bots.	lb.	3.00 -	3.60
Denatured,[1,2,3] CD14, dms., c.l., divd., E.	gal.	.65 -	—
l.c.l., divd., dms.	gal.	.72 -	—
tanks, E., divd.	lb.	.58 -	—

Prices for territories other than E. of Rockies are 15½c. per gal. less than Eastern works quotations. Tankcar sales require written authorization by Alcohol Tax Unit.

SD1 190 pf., bbls., c.l., E. works.	gal.	.62 -	—
19 bbls., E. works.	gal.	.64 -	—
1 to 18 bbls., E. works,	gal.	.67 -	—
dms., c.l., E. works.	gal.	.60 -	—
19 dms., E. works.	gal.	.62 -	—
1 to 18 dms.	gal.	.65 -	—
tanks, E. works.	gal.	.58 -	—

Anhydrous 3c. per gal. higher.

SD2B, dms., c.l., works, E.	gal.	.57 -	—
19 dms., works, E.	gal.	.59 -	—
1 to 18 dms., works, E.	gal.	.62 -	—
tanks, E. works.	gal.	.56 -	—
SD23G, works, E., c.l., dms.	gal.	.63 -	—
19 dms.	gal.	.65 -	—
1 to 18 dms.	gal.	.68 -	—
tanks	gal.	.56 -	—

Prices for territories other than E. of Rockies are 15½c. per gal. less than Eastern works quotations.

SD23H, works, c.l., dms.	gal.	.59½-	—
19 dms.	gal.	.61½-	—
1 to 18 dms.	gal.	.64½-	—
tanks	gal.	.52½-	—
SD 29, denatured with acetaldehyde, dms., c.l., E. works.	gal.	.59 -	—
l.c.l., 19 or more, E. works.	gal.	.61½-	—
1-18, E., works.	gal.	.64½-	—
tanks, E., works.	gal.	.51 -	—

When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD2B, plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works.	gal.	.61 -	—
20 dms., to c.l.	gal.	.63 -	—
1 to 19 dms.	gal.	.66 -	—
tanks, E. works.	gal.	.54 -	—

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, dms., c.l., divd.	lb.	.11½-	.14½
l.c.l., divd.	lb.	.12 -	.15
tanks, divd.	lb.	.10½-	.13½
tech., dms., c.l., divd.	lb.	.11 -	.13½
l.c.l., divd.	lb.	.11½-	.14
tanks, divd.	lb.	.10 -	.12½
Ethyl, 190 pf., ex. molasses, dms., c.l.	lb.	8.19 -	—
19 dms.	gal.	8.22½-	—
5 to 5 dms.	gal.	8.25½-	—
1 to 4 dms.	gal.	8.25½-	—
tanks	gal.	8.12 -	—
absolute, dms., c.l.	gal.	8.64 -	—
19 dms.	gal.	8.67½-	—
5 to 18 dms.	gal.	8.69½-	—
1 to 4 dms.	gal.	8.69½-	—

Ethyl alcohol in bbls. 2c. higher than dms.

Grain alcohol 25c. gal. higher.

Ethylhexyl, dms., c.l., works.	lb.	.24 -	—
l.c.l., same basis	lb.	.25 -	—
tanks, same basis	lb.	.23 -	—
Furfuryl, tech., cns., works.	lb.	.35 -	—
dms., c.l., 33,000 lbs., works.	lb.	.20 -	—
l.c.l., 500 lbs. and more, works.	lb.	.25 -	—
Isoamyl (see Carbinol Isobutyl).			
Isobutyl, refd., dms., works.	lb.	.0860-	—
tanks, same basis	lb.	.0760-	—
Isopropyl,[2] refd., 91%, dms., 5 gals., f.o.b. dest.	gal.	.66½-	—
55 gals., c.l., same basis.	gal.	.40½-	—
l.c.l., same basis	gal.	.43½-	—
tanks, frt. alld.	gal.	.34 -	—
99%, dms., 5 gals., same basis.	gal.	.65 -	—
55 gals., c.l., same basis.	gal.	.44 -	—
l.c.l., same basis	gal.	.47 -	—
tanks, same basis	gal.	.37½-	—
Methyl (see Methanol).			
Phenylethyl, bots., cns.	lb.	2.10 -	2.50
Polyvinyl, type A, fiber-pack, 2,000 lbs. and over, f.o.b. cars, Niagara Falls.	lb.	.65 -	—
less than 2,000 lbs.	lb.	.70 -	—
type B, fiber-pack, 2,000 lbs. and over, same basis.	lb.	.69 -	—
less than 2,000 lbs.	lb.	.65 -	—
Propyl, normal, dms., works.	gal.	.67 -	.70
Octyl (see Ethylhexyl alcohol).			
Alcohol, tetrahydrofurfuryl, dms., contract, f. o. b. Waverly, N. Y.	lb.	.44 -	—
450-lb. lots, same basis	lb.	.50 -	—
cns., f.o.b. Cedar Rapids, Ia.	lb.	.55 -	—
Aldehol, denat., grade., dms., tanks, works.	gal.	.70 -	.72
Aldol, 55 and 110-gal. dms., c.l., works.	lb.	.12 -	—
l.c.l., works.	lb.	.13 -	—
5-10-gal. dms., works.	lb.	.15 -	—
Aletris root, bgs.	lb.	.55 -	.58
Alizarin (see Red, alizarin).			
Alkanet root, bgs.	lb.	1.75 -	1.80
Allspice, Mexican, bgs.	lb.	.25 -	.26
Alpha tocopherol, ampules, per gram.		1.00 -	1.50
Aloe, Cape, cs.	lb.	.18 -	.19
Curacao cs.	lb.	.68 -	.70
gourds, bbls.	lb.	.50 -	.55
Socotrine, kgs.	lb	.58 -	.60
Aloin, 140-lb. bbls.	lb.	5.45 -	—
100-lb. kgs.	lb.	5.47 -	—
25-lb. fib. dms.	lb.	5.54 -	—
Alphanaphthol, bbls.	lb.	.52 -	—
Alphanaphthylamine, bbls.	lb.	.32 -	—
Althea root, whole, bbls.	lb.	.85 -	.90
Alum, ammonia, burnt, USP, bbls., kgs.	lb.	.16 -	.18
gran., bbls., works.	100 lbs.	4.00 -	—
dlvd., N. Y., Phil.	100 lbs.	4.00 -	—
lump, bbls., works.	100 lbs.	4.25 -	—
dlvd., N. Y., Phil.	100 lbs.	4.25 -	—
powd., bbls., works.	100 lbs.	4.40 -	—
dlvd., N. Y., Phil.	100 lbs.	4.40 -	—

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point, dlvd., N.C. price apply to truck or ex warehouse.

Potash, gran., bbls., works.	100 lbs.	4.25 -	—
dlvd., N. Y., Phila.	100 lbs.	4.25 -	—
lump, bbls., works.	100 lbs.	4.50 -	—
dlvd., N. Y., Phila.	100 lbs.	4.50 -	—
powd., bbls., works.	100 lbs.	4.65 -	—
dlvd., N. Y., Phila.	100 lbs.	4.65 -	—

Potash alum prices on same basis as those for ammonia alum.

Chrome, bbls.	lb.	.12½-	.15
Soda, bbls., c.l., works.	100 lbs.	3.25 -	—
l.c.l., dlvd.	100 lbs.	4.25 -	5.00
Alumina acetate, solut., 24%, l.c.l., bbls., 10 or over, dlvd.	lb.	.10½-	—
1 to 9, dlvd.	lb.	.11 -	—
normal, solut., 20%, bbls., l.c.l., 10 or over, dlvd.,	lb.	.09½-	—
1 to 9, dlvd.	lb.	.10 -	—
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works.	lb.	.08 -	—
12,000 to 40,000 lbs., works.	lb.	.09 -	—
1,100 to 11,000 lbs., works,	lb.	.10 -	—
140 to 375 lbs., works.	lb.	.11 -	—
100 lbs. or less, works.	lb.	.12 -	—
cryst., com'l, dms., c.l., works,	lb.	.06 -	—
l.c.l., works.	lb.	.06½-	.06¾
solut., 32 deg., cbys., c.l., works.	lb.	.02¾-	—
l.c.l., works.	lb.	.03¼-	—
Hydrate, heavy, bbls., c.l., works.	lb.	.0640-	—
l.c.l., bbls., works.	lb.	.04 -	—
bgs., c.l., works.	lb.	.0310-	—
light, bgs., c.l., divd.	lb.	.14 -	—
bgs., dlvd.	lb.	.14½-	—
bbls., c.l., divd.	lb.	.14½-	—
l.c.l., bbls., divd.	lb.	.15 -	—
Oleate, dms., contract.	lb.	.17½-	—
open order	lb.	.17½-	.20
Palmitate, precip., bbls.	lb.	.25 -	.26
Resinate, precip., dms., dlvd.	lb.	.15 -	—
Stearate, precip., bbls., ctns., c.l., lb.		.23 -	—
l.c.l.	lb.	.24 -	—
Sulphate, com'l, bgs., c.l., works, frt. equaled	100 lbs.	1.15 -	1.25
l.c.l., works, frt. equald.	100 lbs.	1.40 -	1.50
bbls., c.l., works.	100 lbs.	1.35 -	1.45
l.c.l., works, frt. equald.	100 lbs.	1.60 -	1.70
Iron free, bgs., c.l., works,	100 lbs.	1.75 -	1.85
l.c.l., works.	100 lbs.	2.00 -	2.10
bbls., c.l., works.	100 lbs.	1.95 -	2.05
l.c.l., works.	100 lbs.	2.20 -	2.30
Aluminum, 98-99%, [4,4],[4], c.l.	lb.	.15 -	—
l.c.l.	lb.	.16 -	—
paste,[6] lining, extra fine, 200-lb. dm.	lb.	.56 -	.60
ink, 150-lb. dm.	lb.	.71 -	—
standard, 200-lb. dm.	lb.	.53 -	—
powder,[6] lining, extra fine, 150-lb. dm.	lb.	.93 -	—
litho, 150-lb. dm.	lb.	.57 -	—
standard, 200-lb. dm.	lb.	.59 -	—
rubber compound, 200-lb. dm.	lb.	.40 -	—
unpolished, standard, 250-lb. dm.	lb.	.36 -	—
varnish, standard, 300-lb. dm.	lb.	.40 -	—

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm.; 1½c. for 50-lb. dm.; 3c. per lb. for 10-lb. can, and 5c. to 12c. per lb. for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs.; 2c. for 1,500 to 4,999 lbs.; 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U.S., a deduction equivalent to the lowest available common carrier transportation rate will be made from sellers' invoices on orders of 200 lbs. or over.

Ambergris, gray, tins	oz.	17.00 -	18.00
Aminomethylpropanol, dms., wks.,	lb.	.50 -	—
5 and 10-gal. cans, works.	lb.	.60 -	—
Aminopyrine, 100-lb. dms.	lb.	4.00 -	—
5-lb. bots.		4.25 -	—
Ammonia, anhydrous[6], fertilizer, f.o.b. Belle, W. Va., frt. equal with Hopewell, Va.	ton.	90.00 -	—
refrigeration[6], tanks, works.	lb.	.05 -	—
pure, cycls., dlvd., met. N.Y.	lb.	.16 -	—

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.	lb.	.05¼-	—
dms., c.l.	lb.	.02¼-	—
l.c.l.	lb.	.02½-	—
tanks (on NH_3 content), f.o.b. works.	lb.	.04 -	—
Benzoate, U.S.P., dms., kgs., 4,000 lbs. or more.	lb.	1.06 -	—
1,000 lbs. to 3,900 lbs.	lb.	1.07 -	—
900 lbs. or less.	lb.	1.10 -	—
Bicarbonate, dms., dlvd. Met. N.	lb.	.0564-	.0614
Ammonia, bichromate, bbls.	lb.	.30 -	.32
Bifluoride, bbls.	lb.	.15½-	.18
Borate, bbls., kgs.	lb.	.15 -	.16
Bromide, gran., bbls.	lb.	.31 -	.35
bxs.	lb.	.34 -	.38
kegs	lb.	.32 -	.36
Carbonate, lump, dms., dlvd. Met. N.Y.	lb.	.08¾-	.09¼
cns., same basis	lb.	.14¼-	—
powdered, 1c. per lb. higher.			
Chloride, tech. (see Ammoniac, sal).			
USP, gran., 225-lb. bbls.	lb.	.12 -	.18
100-lb. kgs.	lb.	.15 -	—
Citrate, 250-lb. bbls.	lb.	.75 -	—
100-lb. dms.	lb.	.80 -	—
25-lb. dms.	lb.	.82 -	—
25-lb. dms.	lb.	.84 -	.85
Fluoride, bbls.	lb.	.18 -	.20
Hydroxide (see Ammonia, aqua)			
Hypophosphite, dms.	lb.	1.25 -	1.27
jars	lb.	1.35 -	—
Iodide, 5-lb. bots.	lb.	3.71 -	—
jars	lb.	3.65 -	—
Linoleate, 80%, anhyd., bbls.	lb.	.12 -	—
Molybdate, kgs., works.	lb.	1.05 -	1.20
Nitrate, tech., bgs., works.	100 lbs.	4.35 -	—
bbls., works.	100 lbs.	4.55 -	—
Oleate, dms.	lb.	.14 -	—
Oxalate, neutral, powd., bbls., kgs.	lb.	.23 -	.29
Perchlorate, kgs.	bl.	.55 -	.65
Persulphate, kgs., dom.	lb.	.21 -	.23
Phosphate, dibasic, NF V, bls.	lb.	.37 -	—
kgs.	lb.	.39 -	—
tech., bbls., c.l.	lb.	.07¼-	—
l.c.l.	lb.	.08¾-	.09¼
monobasic, crude (fert. grade), 11% N., 48% phos., bulk, f.o.b. E. works.	unit-ton.	No prices	
pure, bbls.	lb.	.40 -	.45
tech., bbls., c.l.	lb.	.07¼-	—
l.c.l.	lb.	.08¾-	.09¼
Salicylate, USP, kgs.	lb.	1.15 -	1.20
Silicofluoride, bbls.	lb.	.15	Nom.
Stearate, anhydrous.	lb.	.24½-	—
paste	lb.	.06½-	—
Sulphate[2], dom., bulk, c.l., contr., f.o.b. cars, ports, July-Dec. shipt.	ton.	29.00 -	—
spot, same basis.	ton.	30.00 -	—

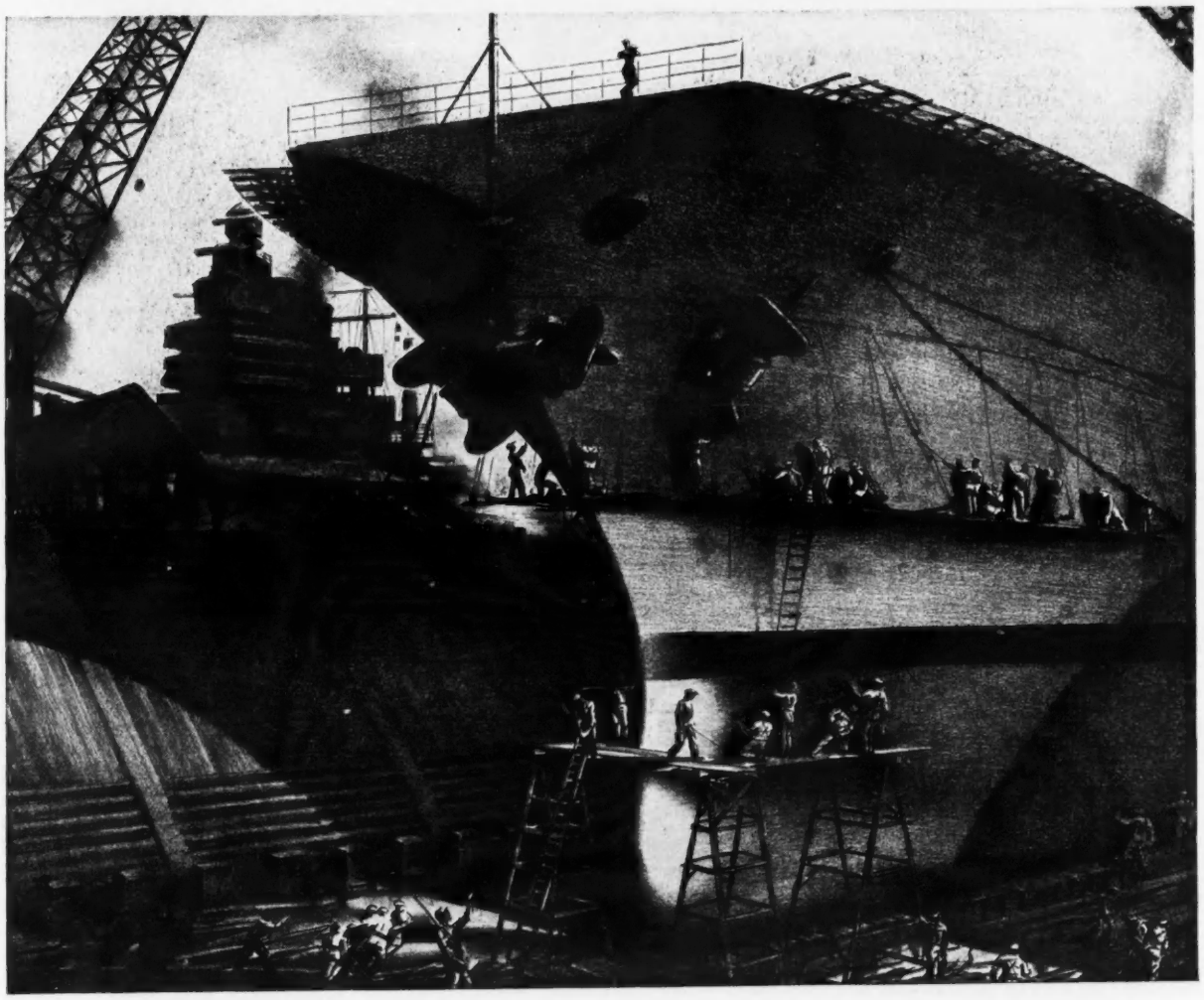
Ammonia sulphate prices are $1 per ton less than above prices f.o.b. cars nearest inland producing oven.

Sulphide, liquid, 40-45%, basis, 100%, dms., c.l., works.	lb	.07½-	—
l.c.l.	lb.	.15 -	—
tanks, dlvd.	lb.	.07½-	—
red, 48%, cbys., works.	lb.	.08 -	—
dms., works.	lb.	.06 -	—
yellow, 33%, cbys., works.	lb.	.08 -	—
dms., works.	lb.	.06 -	—
Sulphocyanide, C.P., dms.	lb.	.45 -	.55
tech., kgs.	lb.	.40 -	—
Ammoniac, gum (see Gum, ammoniac).			
sal, gray, dom., bbls., c.l.	100 lbs.	5.50 -	5.75
l.c.l.	100 lbs.	6.00 -	6.70
white, gran., dom., bbls., c.l., works	100 lbs.	4.45 -	—
l.c.l., same basis	100 lbs.	5.15 -	—
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd.	lb.	.14¼-	.17
l.c.l., dlvd.	lb.	.15 -	.17½
tanks, dlvd.	lb.	.13½-	.16
ex-pentane, dms., c.l., frt. alld. E. of Miss. R.	lb.	.13½-	—
l.c.l., same basis	lb.	.16½-	—
tanks, same basis	lb.	.14½-	—
Alcohol (see Alcohol amyl).			
Butyrate, dms., 50 gal., returnable	lb.	.75 -	—
Caporate, cns.	lb.	2.75 -	—
Chlorides, mixed, tech., dms., c.l.	lb.	.07 -	—
l.c.l.	lb.	.08 -	—
tanks, works.	lb.	.06 -	—
Ether, dms., c.l., works.	lb.	.09½-	—
l.c.l., works.	lb.	.102 -	—
tanks, works.	lb.	.08½-	—
Naphthalenes, mixed., crude, l.c.l., dms., works.	lb.	.14 -	—
refd., l.c.l., dms., works.	lb.	.16 -	—
Nitrite, bots.	lb.	1.80 -	1.85
Mercaptan, dms., l.c.l., works.	lb.	1.10 -	—
Oleate, dms., l.c.l., works.	lb.	.31 -	—
Salicylate, 5-lb. bots.	lb.	.85 -	—
Stearate, dms., l.c.l., works.	lb.	.32½-	—
Amylene, dms., c.l., works.	lb.	.102 -	—
l.c.l., works.	lb.	.11 -	—
tanks, works.	lb.	.09 -	—
Anethol, bots.	lb.	2.35 -	2.40
cans	lb.	2.25 -	2.30
Angelica root, dom., bls.	lb.	.55 -	.60
import., natural, bls.	lb.	No	stocks
Angostura, bark, bls.	lb.	.25 -	.30
Anilin oil, dms.	lb.	.15 -	—
l.c.l.	lb.	.16 -	—
tanks	lb.	.14½-	—
Salt, dms., works.	lb.	.22 -	.24
Anise, Cyprus, bgs.	lb.	.39 -	.41
Mexican, fair, bgs.	lb.	.35 -	.36
Spanish, bgs.	lb.	.39 -	.40
Star	lb.	.60 -	.62
Turkish, bgs.	lb.	.39 -	.40
Anisic aldehyde, bots.	lb.	3.25 -	3.35
Annatto paste, bxs.	lb.	.34 -	.39
seed, bgs.	lb.	.06 -	.06½
Anthracene, 80-85%, bbls., wks.	lb.	.55 -	—
90%, bbls., works.	lb.	.65 -	—
Anthraquinone, 99.5%, subl., bbls.	lb.	.70 -	—
Antimony butter (see Antimony chloride).			
Chloride, solut., cbys.	lb.	.17 -	—
Metal,[2,4] bulk, c.l., wks.	lb.	.14½-	—
Needle, brown, Bolivian, 67%,	lb.	.18½-	—
Chinese, black, 70%	lb.	.20 -	.22
Oxide, bgs., c.l.	lb.	.15 -	—
l.c.l.	lb.	.16½-	—
Salt, 65%, dms., dlvd. E. of Miss. River.	lb.	.56 -	—
bbls., same basis.	lb.	.54 -	—
Antipyrene, bbls., kgs., ton lots.	lb.	2.00 -	—
smaller, lots	lb.	2.10 -	2.20
Apomorphine, bots.	oz.	23.20 -	23.70
Archil extract, bbls.	lb.	.26 -	—
Areca nuts, powd., bbls.	lb.	.23 -	.24
Arecoline hydrobromide, bots.	oz.	11.25 -	11.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, f.o.b. Spanish ports.	100 kilos.	105.00 -	—
Argentine, f.o.b. N. Y.	kilo.	132.00 -	134.00
Arnica flowers, bls.	lb.	4.00 -	4.25
Root, bls.	lb.	1.25 -	1.45
Arrowroot, St. Vincent, powd., bgs.	lb.	.10¼-	.10¾
bbls.	lb.	.09¼-	.09½
Arsenic, metal, lump, cs.	lb.	No prices	
Chloride (arsenous), cns.	lb.	4.85 -	—
Iodide (arsenous), 5-lb. bots.	lb.	5.58 -	—
jars	lb.	5.43 -	—
Red, import, cs.	lb.	No prices	
Trioxide (see Acid, arsenous).			
White, powd., kgs., c.l.	lb.	.04 -	—
l.c.l.	lb.	.04¾-	—
Asafetida, cs.	lb.	.65 -	.70
powd., bbls., bxs.	lb.	.80 -	.85
Asbestine (see Talc, N.Y. fibrous).			
Asbestos fiber, 5D and 5K, bgs., c.l. (20 tons), Canad. mines.	ton.	49.50 -	—
5R, bgs., c.l. (20 tons), Canad. mines.	ton.	44.00 -	—
6D, bgs., c.l. (30 tons), Canad. mines.	ton.	33.00 -	—
7D, bgs., c.l. (30 tons), Canad. mines.	ton.	28.50 -	—
7F, bgs., c.l. (30 tons), Canad. mines.	ton.	26.50 -	—
7H, bgs., c.l. (30 tons), Canad. mines.	ton.	22.50 -	—
7K, bgs., c.l. (30 tons), Canad. mines.	ton.	19.00 -	—
7M, bgs., c.l. (30 tons), Canad. mines.	ton.	16.50 -	—
7R, bgs., c.l. (30 tons), Canad. mines.	ton.	15.50 -	—
Asphaltum, Manjak No. 10, crude, f.o.b. plant.	lb.	.04 -	.12
smaller lots, f.o.b. plant.	lb.	.05 -	.13
process form, bgs., f.o.b. plant.	lb.	.03¾-	.05
smaller lots, f.o.b. plant.	lb.	.04¼-	.06
California, dms., c.l., f.o.b. N.Y.	ton.	35.00 -	—
l.c.l., f.o.b. N.Y.	ton.	40.00 -	—
Cuban A, bgs., c.l., f.o.b. N.Y.	ton.	60.00 -	—
l.c.l., f.o.b. N.Y.	ton.	90.00 -	—
B, bgs., c.l., f.o.b. N.Y.	ton.	35.00 -	—
l.c.l., f.o.b. N.Y.	ton.	55.00 -	—
Egyptian, bgs., c.l., f.o.b. N.Y.	lb.	.12 -	—
l.c.l., f.o.b. N.Y.	lb.	.15 -	—
Gilsonite, brilliant black, selects, bgs., c.l., Western shipt. point.	ton.	32.90 -	—
seconds, bgs., c.l., Western shpt. points.	ton.	25.50 -	—
selects, bgs., c.l., Western shipt. points.	ton.	30.50 -	—
l.c.l., f.o.b. N.J. or N.Y. whse.	ton.	58.00 -	—
jet, bgs., c.l., Western shipping points.	ton.	30.50 -	—
Mexican, Texas, dms., c.l., refinery.	ton.	21.00 -	—
l.c.l., refinery.	ton.	21.00 -	23.00
tanks, refinery.	ton.	16.00 -	—
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery.	gal.	.16 -	.50
dms., l.c.l., E. cst., refinery.	gal.	.15 -	.20
Atropine, bots.	oz.	24.50 -	—
Sulphate, bots.	oz.	19.75 -	—

B

Balm of Gilead buds, bgs.	lb.	.75 -	.80
Barbasco root (see cubic root).			
Barberry bark, bgs.	lb.	.75 -	.80
Tree bark, vls.	lb.	No stocks	
Barbital, cs.	lb.	3.50 -	3.60
sodium, cs.	lb.	3.75 -	—
Barium carbonate, natural, 99% thru 200 mesh, bgs., c.l., works.	ton.	43.00 -	—
precip., bgs., c.l., works.	ton.	55.00 -	—
l.c.l., works.	ton.	60.00 -	—
bbls., c.l., works.	ton.	60.00 -	—
l.c.l., works.	ton.	65.00 -	—
Sulphur-free, c.l., works.	ton.	60.00 -	—
l.c.l., works.	ton.	65.00 -	—
Chlorate, kgs.	lb.	.80 -	—
Chloride, CP, cryst., bbls.	lb.	.25 -	.27
pure, bbls., kgs.	lb.	.10 -	.12
tech., dom., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky., and principal cities on west bank of Miss., north of Miss., north of Ark. line.	ton.	77.50 -	—
bbls., same basis.	ton.	79.50 -	—
l.c.l., bgs., same basis.	ton.	90.50 -	—
bbls., same basis.	ton.	92.50 -	—
Zone 2, bgs., c.l., dlvd., Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla.	ton.	81.50 -	—
bbls., same basis.	ton.	83.50 -	—
l.c.l., bgs., same basis	ton.	94.50 -	—
bbls., same basis.	ton.	96.50 -	—
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz.	ton.	87.50 -	—
bbls., same basis.	ton.	89.50 -	—
l.c.l., bgs., same basis	ton.	100.50 -	—
bbls., same basis.	ton.	102.50 -	—
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif. Nov.	ton.	84.80 -	—
bbls., same basis.	ton.	86.80 -	—
l.c.l., bgs., same basis	ton.	97.80 -	—
bbls., same basis.	ton.	99.80 -	—
Dioxide, dms., c.l., works.	lb.	.10 -	—
l.c.l., same basis.	lb.	.12 -	.18
Fluoride, bbls.	lb.	.18	Nom.
Hydrate (see Hydroxide).			
Hydroxide, bbls., works.	lb.	.06 -	.07
Iodide, bots.	lb.	4.77 -	—
jars	lb.	4.62 -	—
Monoxide (see Oxide).			
Nitrate, cks.	lb.	.11 -	.11½
Oxide, ungrd., dms., c.l., works.	lb.	.08 -	—
l.c.l., same basis.	lb.	.10 -	.12
grd., dms., l.c.l., works.	lb.	.11 -	.15
Peroxide (see Dioxide).			
Silicofluoride, bbls.	lb.	.15 -	.17
Sulphate, tech. (see Barytes and blanc fixe).			
X-ray, bbls.	lb.	.09½-	.10
kgs.	lb.	.12 -	—
Barytes, dom., floated, bbls., c.l., contr., St. Louis.	ton.	27.65 -	—
spot, same basis.	ton.	27.65 -	—
l.c.l., contr., same basis.	ton.	28.65 -	—
spot, same basis.	ton.	28.65 -	—
ex whse, N.Y.	ton.	36.00 -	—
paper bags, c.l., contr., St. Louis.	ton.	23.35 -	—
spot, same basis.	ton.	25.35 -	—
l.c.l., contr., same basis.	ton.	28.35 -	—
spot, same basis.	ton.	26.35 -	—
ex whse., New York.	ton.	34.00 -	—
Southern, off color, bgs.,	ton.	17.50 -	—
95.75%, bgs., mines.	ton.	18.00 -	—
ore, bulk, mines.	ton.	8.00 -	—

Barytes, German, grd., bbls., c.l., dock, t.a..ton.	No prices	
l.c.l., ex whse.....ton.	No prices	
ungrd., bulk, c.l., ex dock.ton.	No prices	
Italian, grd., bbls., c.l., ex dock, t.a..ton.	No prices	
l.c.l., ex whse.....ton.	No prices	
Bauxite, bulk, mines.....ton.	7.00	-10.00
Bay leaves (see Laurel leaves).		
Bay Rum, bbls.....gal.	.83	- .90
Bayberry bark, bgs.....lb.	.12	- .13
Belladonna leaves, bls.....lb.	3.45	- 3.50
Root, bls.....lb.	2.25	- 2.30
Bentonite, 200 mesh, bgs., Wyo., works..ton.	11.00	- —
325 mesh, bgs., Wyo., works, ton.	16.00	- —
Benzaldehyde, tech., cbys., dms, lb.	.45	- .55
N.F. VI, dms., 50 to 100 lbs..lb.	.85	- —
5 to 25 lbs.....lb.	.90	- .95
Benzene (see Benzol).		
Benzidin base, bbls.....lb.	.70	- —
Benzocaine, cns.....lb.	3.00	- —
Benzol,[2] 2, 90%, dms., returnable, works..gal.	.20	- —
tankcars, frt. alld. E. of Omaha gal.	.15	- —
W. Coast, f.o.b. Minnequa, Colo..gal.	.15	- —
tanks, frt. alld. E. of Omaha up to 2c. per gallon.		
Benzophenone, dms.....lb.	1.20	- 1.25
Benzoyl chloride, cbys.....lb.	.23	- .28
Peroxide, pure, gran., fib. ctns., works..lb.	1.95	- —
Benzyl acetate, f.f.c., cns.....lb.	.59	Nom.
dms.....lb.	.55	Nom.
Alcohol (see Alcohol, benzyl).		
Benzoate, a.m.a., f.f.c., cns..lb.	.95	Nom.
dms.....lb.	.90	Nom.
Chloride, cbys., frt. equald..lb.	.22	- .24
Cinnamate, cns.....lb.	5.50	Nom.
Formate, cns.....lb.	3.50	- 3.75
Isoeugenol, bots.....lb.	9.50	- —
Propionate, bots.....lb.	2.25	Nom.
Salicylate, bots.....lb.	1.80	Nom.
Benzylidineacetone, bots.....lb.	**No prices**	
Berberine bisulphate, cns.....lb.	22.50	-38.50
Hydrochloride, cns.....lb.	22.50	-38.50
Sulphate, cns.....lb.	22.50	-38.50
Berberis root, bls.....lb.	.13	- .14
Betanaphthol, sublim., kgs....lb.	.55	- —
tech., bbls., c.l., works.....lb.	.23	- —
l.c.l., bbls., works.....lb.	.24	- —
Benzoate, fib. dms.....lb.	2.50	- —
kgs.....lb.	2.70	- —
Betanaphthylamine, tech., kgs.lb.	.51	- —
Beth root, bls.....lb.	.35	- .40
Bismuth chloride, 5-lb. bots...lb.	3.00	- —
jars.....lb.	2.85	- —
Citrate, USP, VIII, 5-lb. bots. lb.	2.86	- —
jars.....lb.	2.75	- —
Hydroxide, 5-lb. bots.....lb.	3.46	- —
cns.....lb.	3.35	- —
Metal, ton lots.....lb.	1.25	- —
Nitrate, cryst., 5-lb. bots....lb.	1.45	- —
cns.....lb.	1.30	- —
Oxychloride, 5-lb. bots.....lb.	3.19	- —
cns.. kgs.....lb.	3.10	- —
Bismuth, subbenzoate, 5-lb. bots. lb.	3.51	- —
fib. dms.....lb.	3.40	- —
Subcarbonate, bots., cns.....lb.	1.59	- 1.65
175-lb. bbls.....lb.	1.50	- —
Subcarbonate, X-ray, 5-lb. bots. lb.	2.79	- —
fib. dms.....lb.	2.73	- —
Subgallate, bots., cns.....lb.	1.49	- 1.73
fib. dms.....lb.	1.40	- —
Subiodide, bots.....lb.	4.24	- —
fib. dms.....lb.	4.13	- —
Subnitrate, powd., bots., cns.lb.	1.29	- 1.57
250-lb. bbls.....lb.	1.20	- —
Subsalicylate, 60-66%, bots...lb.	2.59	- —
bbls., fib. dms.....lb.	2.50	- —
Sulphocarbolate, 5-lb. bots...lb.	3.76	- —
fib. dms.....lb.	3.65	- —
Trioxide, powd., 5-lb. bots...lb.	3.76	- —
cns.....lb.	3.65	- —
Bismuth ammonia, citrate, USP, powd., 25-lb. dms..lb.	3.40	- —
5-lb. cns.....lb.	3.45	- 3.50
Black,[2] acetylene, c.l., works, duty paid..lb.	.14	- —
Bone, 1A, c.l.....lb.	.17	- —
l.c.l.....lb.	.17½	- —
.3, c.l.....lb.	.12	- —
l.c.l.....lb.	.12½	- —
4, c.l.....lb.	.11	- —
l.c.l.....lb.	.11½	- —
5, c.l.....lb.	.08½	- —
l.c.l.....lb.	.09	- —
6, c.l.....lb.	.08½	- —
l.c.l.....lb.	.09	- —
7, c.l.....lb.	.11½	- —
l.c.l.....lb.	.12	- —



PROTECTING OUR PROTECTION WITH PAINT!

RCI synthetic resins and chemical colors are in the Navy now! They are basic ingredients of many coatings used by the Navy—paints which both protect America's battleships from the silent sabotage of rust and keep barnacle accumulation at a minimum.

War requirements such as this are utilizing an increasingly large proportion of RCI's productive capacity. Nevertheless, civilian users of RCI resins and colors are receiving every possible cooperation and consideration. Meanwhile research and development work continue in these fields. Hence, paint formulators can be assured that any temporary inconvenience will be more than recompensed when the end of the emergency makes the results of these researches available to all.

REICHHOLD CHEMICALS, INCORPORATED

General Offices and Main Plant, Detroit, Mich. • Eastern Resin Plant, Elizabeth, N. J. • Chemical Color Division, Brooklyn, N. Y.

SYNTHETIC RESINS • CHEMICAL COLORS **RCI** **INDUSTRIAL CHEMICALS**

Barytes—Borax

Black, bone, 8, c.l.....lb.	.12½	- —
l.c.l.....lb.	.13	- —
Bone black prices are for barrels or bags, freight allowed East. Pacific Coast prices are 1½c. per lb. higher, ex dock or ex whse.		
Carbon, regular, uncompressed, bgs., c.l., f.o.b. plants..lb.	.03625	- —
l.c.l., bgs. or cartons, f.o.b. whse..lb.	.08	- —
dlvd.....lb.	.08	- —
beads, compressed, bgs., c.l., f.o.b. plants..lb.	.03550	- —
l.c.l., bgs. or cartons, f.o.b. whse..lb.	.07½	- —
dlvd.....lb.	.07½	- —
bulk, cars, c.l., f.o.b. plants. lb.	.0330	- —
Charcoal (see C).		
Graphite (see G).		
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb.	.06½	- —
Lamp, dom., 1, ctns., c.l., works..lb.	.07	- —
l.c.l., works.....lb.	.08	- —
2, ctns., c.l., works.....lb.	.09	- —
l.c.l., works.....lb.	.10	- —
2A, ctns., c.l., works.....lb.	.11	- —
l.c.l., works.....lb.	.12	- —
3, ctns., c.l., works.....lb.	.13	- —
l.c.l., works.....lb.	.14	- —
4, ctns., c.l., works.....lb.	.15	- —
l.c.l., works.....lb.	.16	- —
5, ctns., c.l., works.....lb.	.17	- —
l.c.l., works.....lb.	.18	- —
6, ctns., c.l., works.....lb.	.24	- —
l.c.l., works.....lb.	.25	- —
7, ctns., c.l., works.....lb.	.34	- —
l.c.l., works.....lb.	.35	- —
Mineral, vine type, bbls., l.c.l., f.o.b. works..lb.	.0434	- —
Vine, A, bbls., works or N. Y. lb.	.04½	- .06
B, bbls., works or N. Y..lb.	.05¾	- —
kegs, f.o.b. N. Y.....lb.	.06	- —
dms., c.l., frt. alld.....lb.	.09½	Nob.
Black dyes are listed under Dyes.		
Black Haw root bark, bls.....lb.	.40	- .45
Tree bark, bls.....lb.	.21	- .22
Black Indian hemp root, bls..lb.	.23	- .26
Blanc fixe, dry, by-product, bgs., c.l., works..ton.	60.00	- —
l.c.l., works.....ton.	67.50	- —
direct process, bgs., c.l., f.o.b. Huntington, W.Va.ton.	70.00	- —
bbls., same basis.....ton.	75.00	- —
Blanc fixe, dry, direct process, bgs., l.c.l., same basis..ton.	75.00	- —
bbls., same basis.....ton.	80.00	- —
pulp, 65¾%, bbls., c.l., works, ton.	40.00	- —
l.c.l., works.....ton.	46.50	- —
Bleaching powder,[2] dms., c.l., works..100 lbs.	2.25	- 3.10
l.c.l., works.....100 lbs.	2.50	- 3.25
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton.	5.50	- —
high-grade grd., 16-17 ammon, bulk, f.o.b. Chicago, unit-ton.	5.90	- —
import, bgs., c.i.f. ports, shipt..unit-ton.	5.35	- —
soluble (see Albumen, blood).		
Bloodroot, lbs.....lb.	.40	- .41
Blue,[2] alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb.	.85	- .90
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.		
Bronze, bbls., same basis, contracts..lb.	.36	- —
Celestial, bbls.....lb.	.10	- .13
Chinese, bbls., same basis, contracts..lb.	.36	- —
Cobalt,[2] genuine, 1-kilo pkg..lb.	4.90	- —
Imitation (see Blue, ultramarine).		
Blue, copper, phthalocyanin, bbls., f.o.b. works, frt. alld. lb.	3.30	- 3.75
Milori, bbls., same basis, contracts..lb.	.36	- —
Molybdated, Victoria, same basis, contracts..lb.	3.15	- —
Peacock, same basis, contracts, lb.	.32	- —
Potash, dom., bbls., same basis, contracts..lb.	.42	- —
Prussian, bbls., same basis, contracts..lb.	.36	- —
Tungstated, peacock, kgs....lb.	4.00	- —
Victoria, kgs.....lb.	3.30	- —
methyl violet, kgs.....lb.	2.10	- —
Ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equald..lb.	.22	- .24
jobbing grades, bbls., same basis..lb.	.11	- —
regular grades, bbls., same basis..lb.	.16	- .17
Blue, ultramarine, dlvd., ex whse., is 1c. higher; Pac. Coast, ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes, 5c. above bbls.		
Victoria, ink toner, bbls., same basis alkali toner..lb.	1.83	- —
synthetic vehicle, bbls., same basis..lb.	1.93	- —
Blue dyes are listed under Dyes.		
Bluefiag root, bls.....lb.	.25	- .28
Blue mass, USP, cns., tubs....lb.	1.67	- 1.84
powd., bots., cns., dms.....lb.	1.70	- 1.84
Bluestone (see Copper sulphate).		
Blue vitriol (see Copper sulphate).		
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.	39.00	-40.00
import, bgs., c.i.f. ports..ton.	37.50	- —
Bone, meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.	35.00	-37.50
import, bgs., c.i.f. ports..ton.	37.50	- —
Phosphate, precip. (see Calcium phosphate dibasic, precip.).		
steamed, dom., 1¼% ammon., 60% phos., bgs., f.o.b. Chicago..ton.	40.00	-41.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.	42.00	- —
Boneset leaves, bls.....lb.	.12	- .13
Borage flowers, bls.....lb.	.40	- .95
Borax,[2] tech., 99½% gran., bulk, c.l., frt. alld..ton.	41.50	- —
bgs., c.l., frt. alld....ton.	45.00	- —
ton lots, ex whse ..ton.	56.00	- —
less than ton lots, ex whse..ton.	61.00	- —

Borax—Copper Sulphate

Borax, tech., 99½%, gran., bbls., c.l., frt. alld..ton.55.00 - —
ton lots, ex whse....ton.66.00 - —
less than ton lots, ex whse..ton.71.00 - —
powd., bgs., c.l., frt. alld.ton.50.00 - —
ton lots, ex whse....ton.61.00 - —
less than ton lots, ex whse..ton.71.00 - —
bbls., c.l., frt. alld....ton.60.00 - —
ton lots, ex whse....ton.71.00 - —
less than ton lots, ex whse..ton.76.00 - —
USP $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., delears, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. and over, no trucking or freight allowances for works or warehouse pickups.
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - .30
single pkgs., same basis..lb. .30 - .35
Bromoform, USP, 100-lb. lots, bots..lb. 1.50 - —
cbys. ..lb. 1.42 - —
Bromotyrel ..lb. 3.75 - 4.00
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .60 - .65
moulding, cns., dms., over 10 lbs..lb. .80 - 1.00
printing ink, cns., dms., over 10 lbs..lb. .85 - 1.20
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtops, bls..lb. .15 - .16
Brown,[2] iron oxide, pure precip., cks., f.o.b. N.Y..lb. .12 - —
Metallic, iron oxide, bbls., wks., lb. .02½- —
paper bgs., c.l., works..lb. .0260- —
Sap, crystals, dom., works..lb. .12 - —
powdered ..lb. .13 - —
Sienna, burnt, American, bbls., f.o.b. works..lb. .03½- .06
Italian, Amer. replacement type, bbls., f.o.b. works, lb. .06¾- .10¾
raw, American, bbls., f.o.b. works..lb. .03¼- .05¾
Italian, Amer. replacement type, bbls., f.o.b. works, lb. .08 - .10
Umber, American, bbls., works, lb. .03¾- —
Turkey-type, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N.Y..lb. .04¾- —
St. Louis..lb. .05¼- —
ex car, Los Angeles..lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse., Los Angeles, lb. .06¾- —
Portland, San Francisco, Seattle—lb. .05¾- —
Boston ..lb. .04¾- —
Chicago, Indianapolis, New Orleans..lb. .05¼- —
Kansas City..lb. .05¾- —
Minneapolis ..lb. .0535- —
Pittsburgh ..lb. .05 - —
Vandyke, regular, bbls., l.c.l., works..lb. .09 - —
special ..lb. .12 - —
Brucine, 100 oz., cns..oz. .35 - —
Sulphate, 100 oz., cns..oz. .30 - —
Bryonia root, bls..lb. 1.25 - 1.30
Buchu leaves, bls..lb. .80 - .82
Buckthorn bark, true, bls..lb. .80 - .85
cut and sifted, bbls..lb. .85 - .90
Berries, bgs..lb. .40 - .45
Burdock runt, bls..lb. .06 - .06½
Burgundy pitch, dom., dms..lb. .06 - —
Butane,[3] industrial grade, tanks, group 3..gal. .02¼- —
Butternut bark, bls..lb. .07 - .08
Butyl acetate,[3] norm., dms., c.l., frt. alld..lb. .14¼- .168
l.c.l., frt. alld..lb. .15 - .175
tanks, frt. alld..lb. .13½- .158
secondary, dms., c.l., frt. pd. E. of Miss. R..lb. .09½- —
dms., l.c.l., same terms..lb. .10 - —
tanks, same terms..lb. .08¼- —
Alcohol (see Alcohol).
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works..lb. .16½- —
tanks, works..lb. .14¼- —
Carbinol, secondary, l.c.l., dms., works..lb. .60 - —
l.c.l. ..lb. .28 - —
Chloride, normal, dms., c.l., works..lb. .32 - —
l.c.l., works..lb. .35 - —
Ether (see under Ether).
Lactate, dms..lb. .26¼- —
Propionate, dms., dlvd..lb. .16½- .17
tanks ..lb. .15½- —
Stearate, dms..lb. .31 - —
Butyric ether, bots..gal. 6.50 - 6.95
cns., works..lb. .65 - .70
dms., frt. alld. Met. N.Y...lb. .60 - —

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.65 - 1.66
single jars..lb. 1.70 - —
5-lb. bots..lb. 1.84 - 1.91
Iodide, 5-lb. bots..lb. 4.23 - —
25-lb. cans..lb. 4.09 - —
Lithopone (see Yellow).
Metal, [1,4] pat., shapes, cs., dlvd..lb. .95 - —
ingots or sticks..lb. .90 - —
Red (see Red).
Selenide (see Red).
Sulphite (see Yellow).
Caffeine, 10,000 lbs. or more, 100-lb-dms..lb. 2.60 - —
25-lb. dms..lb. 2.63 - —
10-lb. cns..lb. 2.65 - —
2,000 lbs. or more, 100-lb. dms. lb. 2.65 - —
10-lb. cns..lb. 2.70 - —
25-lb. dms..lb. 2.68 - —
1,000 lbs. or more, 100-lb. dms. lb. 2.70 - —
25-lb. dms..lb. 2.73 - —
10-lb. cns..lb. 2.75 - —
100 lbs. or more, 100-lb. dms..lb. 2.80 - —
25-lb. dms..lb. 2.83 - —
10-lb. cns..lb. 2.85 - —
less than 100 lbs., 10-lb. cns. lb. 3.15 - —
Citrated, bots..lb. 2.30 Nom.
Hydrobromide, bots..lb. 5.29 - 5.37
Calabar beans, bgs..lb. .35 - .40
Calamus root, peeled, N.F., cs. lb. No stocks
bleached, bls..lb. No stocks
dom., natural, bls..lb. .40 - .45
Calcium acetate, bgs., dlvd.... 100 lbs. 3.00 - 4.00
Arsenate, bgs., c.l..lb. .07 - .08
l.c.l. ..lb. .07½- .08½
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck allowances for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equald..lb. .65 - —
50 lbs., works..lb. .67 - —
25 lbs., works..lb. .70 - —
Carbide, dms., c.l., dlvd..... 100 lbs. 4.75 - —
l.c.l., f.o.b. warehouse.100 lbs. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, paper bgs., 77-80%, c.l., dlvd..ton.18.50 -35.00
l.c.l., 15 tons, dlvd....ton.21.50 -25.50
5-ton lots..ton.28.50 -41.00
liquor, basis 40%, tanks, wks. ton. 7.50 - —
solid, dom., 73-75%, dms., c.l., dlvd..ton.18.00 -34.50
l.c.l., 15 tons, dlvd...ton.21.45 -25.45
5-ton lots..ton.28.45 -40.95
Calcium chloride c.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags, and drums $3.50 per ton over paper bags.
Gluconate, USP, gran., 150-lb. bbls..lb. .52 - —
dms. ..lb. .57 - .59
cns. ..lb. .70 - —
Powd., 2c. per lb. lower.
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.28 - —
100-lb. lots..lb. 1.43 - —
cns., 25 lbs..lb. 1.68 - —
Hypophosphite, cns..lb. .62 - .65
Iodide, bots., jars..lb. 4.04 - 4.19
Lactate, USP, bbls., 200 lbs..lb. .27 - .28
Mandelate, dense, dms..lb. 2.05 - 2.15
fluffy, dms..lb. 2.05 - 2.15
Nitrate, fertilizer grade, bgs., to fert. mfrs., ex vessel Atlantic or Gulf ports..ton. No prices
tech., bbls., ton lots, works. lb. .12½- .13
Palmitate, bbls..lb. .28 - .29
Pantothenate, dex., 100-gram bots..per gram. .50 - —
Phosphate, dibasic, precip., 38-40% P_2O_5, bgs., c.l.f. Atlantic ports, shipt. unit-ton. No prices
feeding grade, bgs., f.o.b. works..ton.75.00 - —
food grade, f.o.b. works, 10 bbls. and over..lb. .07 - .07¾
5 to 9 bbls., same basis. lb. .08 - .09
1 to 4 bbls., same basis. lb. .10 - —
medicinal, bbls..lb. .11½- .12
dms. ..lb. 12½- .16
Monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
5 tons and over, bgs., same basis..lb. .06 - —
less than 5 tons, same basis..lb. .06¼- —
tribasic, c.l., bbls., works. lb. .0635- —
l.c.l., bbls..lb. .0705-.0785
Resinate, precip., bbls., 1 ton. lb. .18 - —
smaller lots..lb. .14 - —
Stearate, precip., bbls., ctns., ton..lb. .26 - —
smaller quantities..lb. .27 - —
Sulphate (see Gypsum).
Sulphide, 70%, CaS, bgs., c.l., works..ton.46.00 - —
80%, CaS, bgs., c.l., works.ton.51.00 - —
luminous, dom., tins, works. 100 lbs. 1.25 - —
Sulphocarbolate, 200-lb. bbls..lb. .48 - —
Calendula flowers, bls..lb. 3.25 - 3.30
Calomel,[3] bbls., fib. dms., kgs., 50 lbs. or more..lb. 2.95 - —
Camphor, natural, powd., cs...lb. 1.60 - 1.65
slabs, cs..lb. 1.60 - 1.65
tablets, tin..lb. 1.70 - 1.75
synth., dom., tech., bbls., contract, 2,000 lbs. or more, works..lb. .42 - —
smaller lots, works..lb. .47 - —
USP, or import, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots..lb. .70 - —
smaller lots..lb. .71 - —
tablets, 2,000-lb. lots...lb. .82 - —
1,000-lb. lots..lb. .83 - —
smaller lots..lb. .84 - —
Monobromate, bulk, 100-lb. lots. lb. 2.40 - -
25 to 50-lb. lots..lb. 2.50 - —
Canada balsam (see Fir, balsam).
Canary seed, Argentine, bgs...lb. .08¼- .09
Morocco, bgs..lb. .08½ Nom.
Canella alba bark, bls..lb. .29 - .30
Cantharides, Chinese, cs.....lb. 2.25 - 2.30
powd., bxs..lb. 2.45 - 2.50
Russian, cs..lb. 6.00 - 6.25
powd., bxs..lb. 6.25 - 6.30
Capsicum (see Pepper, red).
Caraway, Dutch, bgs..lb. 1.30 - 1.40
Syrian, bgs..lb. 1.05 - 1.10
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works...lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Diethyl, l.c.l., works..lb. .60 - —
Dimethylethyl, l.c.l., works..lb. .60 - —
Isobutyl, c.l., dms., frt. alld.lb. .225 - —
l.c.l., same basis..lb. .235 - —
tanks, same basis..lb. .215 - —
Carbon bisulphide, 55 gal., dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R...lb. .05 - —
l.c.l., same basis..lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis..lb. .08 - .08½
Dioxide, cyls. ..lb. .06 - .08
Tetrachloride, [1,3] Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld..gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld..gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .80 - —
l.c.l., frt. alld..gal. .87 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.04 - —
l.c.l., frt. alld..gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .94 - —
l.c.l., frt. alld..gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld..gal. 1.27 - —
Carbon tetrachloride, Zone 4, 52½-gal. dms., c.l..gal. .83 - —
l.c.l. ..gal. .90 - —
l.c.l., 5 or 10-gal. dms., c.l. ..gal. 1.07 - —
l.c.l. ..gal. 1.17 - —

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. cars, L. A. Cal.; S. F. Cal.; Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1 includes the following States:—Me., N. H., Vet., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2 includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3 includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M. and Texas. Zone 4 includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.

Cardamom, bleached, cs.....lb. 1.60 - 1.70
decorticated, cs..lb. 1.55 - 1.60
green, Ceylon, bgs..lb. .98 - 1.00
Carob bean flour (see Gum, Locust bean).
Carvol, bots. ..lb. 22.50 -23.50
Cascara sagrada bark, bulk....lb. .27 - .28
Case-hardening mixtures, 30% lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .21 - .22
5 tons, works..lb. .21¼- .22¼
smaller lots, works.....lb. .21½- .22½
80-100 mesh, c.l., dlvd.....lb. .21½- .22½
5 tons, works..lb. .21¾- .22¾
smaller lots, works.....lb. .22 - .23
Import, Argent., 20-30 mesh, bgs., c.l., c.i.f..lb. .16½- .17
80-100 mesh, bgs., c.l., c.i.f., lb. .17 - .18
French, 30 mesh, bgs., c.l., duty paid..lb. No prices
New Zealand, 20-30 mesh, c.l., bgs., duty paid..lb. No prices
Cassia, Batavia, No. 1, thin quill, bls..lb. .80 - .81
No. 1, regular, bls..lb. .75 - .80
shortstick, bls..lb. .75 - .80
broken, bls..lb. .75 - .80
China, buds, bgs..lb. .70 - .75
rolls, select, bls..lb. .60 - .65
broken, extra, bls..lb. .60 - .65
Saigon, No. 1, 4-10-4, bls....lb. .95 - .96
10-6-2, bls..lb. .95 - .96
all thin, bls..lb. .95 - .96
Cassia fistula, bskts..lb. .28 - .35
Castoreum, nat., cns..lb. 12.50 -15.00
Synth, bots. ..lb. 19.00 - —
Castor beans, Brazilian, ship't, c.&f., N.Y..long ton.93.00 - —
Oil (see Oil, castor).
Pomace, dom., 6½% ammon., bgs., c.l., works..ton.17.00 - —
import, bgs., c.i.f. ports, shipment..ton. No prices
Celery seed, French, bgs.....lb. 1.00 - 1.10
Indian ..lb. .95 - .98
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, gran., frt. alld..lb. .30 - —
acetate-butyrate, high (36.5% butyryl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld...lb. .47 - —
Acetate-butyrate, smaller pkgs., works..lb. .48 - —
medium (15.5 or 17.0%), 100-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works.....lb. .46 - —
Acetate-propionate, high (31.5% propionly content), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs., works.....lb. .48 - —
Triacetate, flake, frt. alld.....lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
oxalate, USP, bbls., works...lb. .35 - —
kgs., works..lb. .37 - —
Chalk, precip., papermakers, bgs., c.l., works..ton.32.50 - —
rubbermakers, bgs., c.l., works, ton.30.00 - —
other industries, and paints, bgs., c.l., works..ton.40.00 - —
drugs, dentifrices and cosmetics, c.l., spot..lb. .02¾- —
Chamomile flowers, Hungarian type, cs..lb. .70 - .71
Roman, bls..lb. 3.25 Nom.
Charcoal, softwood, gran., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Ga., W. Va..ton.37.90 - —
Colo. ..ton.34.50 - —
Conn., Me., Mass., N. H., R. I., Vt..ton.38.30 - —
Ill. (except river point), Minn., Neb., Wis...ton.32.50 - —
Indiana ..ton.33.50 - —
Ill. (river points), Mo., Okla., Tex. (except El Paso), Ia..ton.27.50 - —
Kansas, El Paso, Tex. ton.28.50 - —
Michigan ..ton.35.00 - —
Ohio ..ton.35.00 - —
Penn. ..ton.37.30 - —
Utah ..ton.38.50 - —
Willow, powd., bbls..lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works..lb. .0275- —
tanks, works..lb. .0225- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., wks. ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt., 99.9%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works.ton.12.50 - —
import, white, lump, bulk, c.l., ex dock, Balto, Boston, Norfolk, Phila...ton.18.60 -25.00
powd., cks., l.c.l., ex whse. ton.45.00 - —
Chloral hydrate, jars, 1,000 lbs.lb. .93 - .95
500 lbs..lb. .96 - .98
100 lbs..lb. .98 - 1.00
25 lbs..lb. 1.00 - 1.02
1-10 lbs..lb. 1.05 - 1.07
dms., 1,000 lbs..lb. .90 - .92
500 lbs..lb. .93 - .95
100 lbs..lb. .95 - .97
Chlorinated rubber,[6] standard, 100 lbs. or more, works..lb. .32 - —
smaller lots..lb. .35 - —
Chlorine,[3, 4, 6] liq., cyls., c.l., dlvd., N.Y..lb. .09¾- —
contracts, dlvd., N.Y.....lb. .09¼- —
l.c.l., dlvd. N.Y.....lb. .07¼- —
tanks, single units, works, frt. equald..100 lbs. 1.75 - —
multiple unit, 3 or over, works, frt. equald.100 lbs. 2.00 - —
2, works, frt. equald.. 100 lbs. 2.50 - —
1, works, frt. equald.. 100 lbs. 3.00 - —
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms..lb. .22 - —
50-lb dms..lb. .23 - —
USP, 650-lb. dms..lb. .30 - —
100-lb. dms..lb. .33 - —
50-lb. dms..lb. .33 - —
Chlorpicrin, com'l, 180-lb. cyls., frt. alld..lb. .80 - —
100-lb. cyls., frt. alld.....lb. .85 - —
25-lb. cyls., works.....lb. 1.00 - 1.15
1-lb. bot., case 2, works.. lb. 1.25 - —
Chrome acetate, powd., 24%, bbls. lb. .22 - —
solut., 8½%, cs., bbls.....lb. .07¾- .09¾
Cake, bulk, c.l., works.....ton.16.00 - —
Green (see Green, chrome).
Oxide (see Green chrome).
Sulphate, pearls, dms., 100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scale, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, 5-lb. bot.....lb. 5.00 - —
Cinchona bark, quill, USP, 10 in., medium, cs..lb. 1.25 - 1.30
20 in., thick, cs.....lb. No stocks
20 in., medium, cs.....lb. No stocks
USP, broken quill, red, bgs..lb. .19 - .30
yellow, bgs..lb. .19 - .30
Cinchonidine, small, crys., cns., 100 ozs..oz. .39 - —
Sulphate, N.F., cans, 100 ozs.oz. .53 - —
Cinchonidine buyers must pay a surcharge of 13½c. per oz. to cover present war-risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Cinchonine, small cryst., cns., 100 ozs..oz. .62 - —
large cryst., cns., 100 ozs.oz. .66 - —
Sulphate, N.F., cns., 100 ozs.oz. .42 - —
Cinchonine buyers must pay a surcharge of 13½c. per oz. to cover present war-risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Cinchophen, USP, 25-lb. fib. dms. lb. 3.55 - 3.60
1 and 5-lb. bots..lb. 3.70 - 3.80
100 lbs., dms..lb. 3.50 - —
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, 99-100% pure, cbys., cns..lb. 1.25 - 1.60
Cinnamon, Ceylon, 2, bls.....lb. .65 - .66
3, bls..lb. No prices
Citral, bots., cns..lb. 5.50 - 7.00
Citrine ointment,[3] jars.....lb. .98 - 1.00
Citronellal, bots., dms.....lb. 2.75 - 3.25
Citronellol, bots., dms.....lb. 7.00 - 7.25
Clove, Amboina, bgs.....lb. .35 - .36
Zanzibar ..lb. .21½- .22
Clover tops, red, dom., bgs....lb. .28 - .29
Coaltar, coal-gas, crude, bbls., c.l., works..bbls. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07¼- .09
refd., bbls., c.l., works...bbl. 6.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .06¼- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
l.c.l., works.....dm. 8.75 - —
refd., dms., c.l., works...dm. 8.00 - —
Cobalt acetate,[3] bbls., kgs., dlvd. lb. .83¾- —
Carbonate,[3] powd., bgs., works. lb. 1.58 - —
Chloride, kgs., works.....lb. .87½- —
Hydrate,[3] bbls.....lb. 2.04 - —
Linoleate, paste, 5%, dms...lb. .31 - —
Linoleate, solid, 8½%, dms..lb. .42 - —
Oleate, bbls..lb. .26 Nom.
Oxide,[3] black, kgs.....lb. 1.54 - —
Resinate, fused A, bbls.....lb. .13½- —
1 %, cobalt oxide, bbls....lb. .13 - —
2 %, cobalt oxide, bbls....lb. .14 - —
3½%, cobalt oxide, bbls....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate,[7] dms.....lb. .65 - —
Cocaine, hydrochloride, 160 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .38
Teneriffe, silver, bgs.....lb. .38 - .39
Cocoa butter,[1] bulk, f.o.b., shipping point..lb. .23½- —
Cocillana bark, bgs.....lb. .20 - .21
Codeine, cns., 100 ozs.....oz. 11.70 - —
Hydrochloride, cns., 100 ozs.oz. 10.80 - —
Phosphate, cns., 100 ozs....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, root, black, bls.....lb. .10 - .11
blue, bls..lb. .07½- .08
Colchicine, bots., cns.....oz. 38.00 -43.00
Colchicum seed, bgs.....lb. 6.00 Nom.
Collodion, USP, dms., 225 lbs..lb. .19½- .20½
cns., 25 lbs..lb. .21 - .21
flexible, USP, dms., 225 lbs..lb. .17 - —
cns., 25 lbs..lb. .21 - .22
Colocynth pulp, bls.....lb. 1.35 - 1.40
Colombo root, bls.....lb. .20 - .22
Coltsfoot leaves, bgs.....lb. .90 - 1.00
Condurango bark, bgs.....lb. .09¼- .10
Conium leaves, bls.....lb. 1.20 - 1.25
Copaiba, balsam, Para, cns...lb. .40 - .42
S.A., USP, cns.....lb. .42 - .44
Copper acetate, normal, bbls., dlvd..lb. .24 - —
smaller containers, dlvd..lb. .26 - —
Carbonate, 52-54%, bbls.....lb. .18 - .20½
Chloride, anhyd., bbls.....lb. .20½- —
Cyanide, tech., bbls.....lb. .34 - .38
Iodide, bots.....lb. 5.15 - 5.19
Metal,[1,3,4] electrolytic.....lb. .12 - .12½
Nitrate, tech., cryst., bbls....lb. .16 - .18½
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works. lb. .19½- .21
Red, com'l, kgs., f.o.b. N. Y. lb. .20 - .22
Resinate, precip., bbls.....lb. .15 - .16
Sulphate, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 5.15 - 5.50
l.c.l., 16-50 bbls., same basis, 100 lbs. 5.30 - 5.65
6-15 bbls., same basis.... 100 lbs. 5.40 - 5.75
1-5 bbls., same basis..... 100 lbs. 5.65 - 6.00
monohydrated, dms., c.l., dealers, f.o.b. works..100 lbs. 9.20 - —
l.c.l., dealers.....100 lbs.10.20 - —

Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.20.00 - —
l.c.l., 25 or over, works, 100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, ship.....lb. No prices
Coriander, bgs.....lb. .15 - .15½
bleached, bgs.....lb. .15½- .15⅝
Indian, bgs.....lb. .10½- .11
Corn silk, bls.....lb. .20 - .33
Corn sugar, tanners', chipped, bgs., c.l., dlvd..100 lbs. 3.62 - —
slabs, bbls., c.l.....100 lbs. 3.54 - —
Syrup, 42°, bbls., c.l..100 lbs. 3.69 - —
43°, bbls., c.l.....100 lbs. 3.74 - —
Corrosive sublimate,[3] cryst., dms., 50 lbs. or more..lb. 2.39 - —
gran., powd., dms., 50 lbs. or more..lb. 2.24 - —
Cottonroot bark, bls.....lb. .14 - .15
Cottonseed, hull ash, 32-36% potash, bgs., dlvd..unit-ton. 1.00 - —
meal, 8%, Southeast, mills..ton.39.50 -40.00
Coumarin, 5 lbs. or more, 25-lb. cns..lb. 2.75 - —
5-lb. cns.....lb. 2.85 - —
1-lb. cns.....lb. 2.90 - —
1-oz. cns.....lb. 3.25 - —
less than 5 dms., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .30 - .65
Cranesbill root, bls.....lb. .18 - .19
Cream of tartar, gran. or powd., bbls., 5,000 lbs., one shipm't. lb. .37½- —
smaller lots, bbls.....lb. .38 - —
kgs.....lb. .38½- —
Creosote, beechwood, cbys., dms. lbs. .80 - .85
bots.....lb. 1.00 - 1.04
hardwood, USP, bots.....lb. .60 - .77
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 2.10 - 2.39
Oil, crude, tanks, works....gal. .15½- —
Coaltar, solution, tanks, works gal. .141 - —
refd., bbls., l.c.l., works.gal. .26 - —
tanks, works.....gal. .18 - .18½
Cresol,[4] USP, dms., c.l., works. lb. .11 - .11⅛
l.c.l., same basis.....lb. .11½- .11⅝
special resin grade, dms., c.l., works..lb. .10 - .10¼
l.c.l., same basis.....lb. .10½- .10⅝
Crotonaldehyde, 97%, 55 and 110 gal., l.c.l., works..lb. .15 - —
5 and 10-gal. dms., works..lb. .18 - —
Cryolite, syn., c.l., frt. alld. E. of Miss. River..lb. .08½- —
l.c.l., works.....lb. .09¼- —
natural, c.l.....100 lbs. 8.75 - —
l.c.l.....100 lbs. 9.25 - —
Cube root,[2] powd., 5% rotenone, bbls., f.o.b. N.Y.C..lb. .40 - 41
4% rotenone prices are 4c. per lb. less.
Cubeb berries, XX, bgs.....lb. .70 - .75
powd., cs.....lb. .78 - .83
Culver's root, bls.....lb. .26 - .28
Cumin seed, Morocco, bgs.....lb. .20 - .21
Cyprus, bgs.....lb. .18 - .18½
Indian, bgs.....lb. .16½- .17
Persian, bgs.....lb. .17 - .17½
Cutch, Borneo, extract, solid, contract, f.o.b. N.Y., duty paid..lb. .05¼ Nom.
Cyanamide, 22% N, pulv., bgs., dlvd., contracts..unit-ton. No prices
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —
Cyclohexane, 98-100%, dms., wks. lb. .16 - —
Cyclohexanol, 98-100%, dms., wks. lb. .23 - —
Cyclohexanone, 98-100%, dms., works..lb. .32 - —
Cyclopropane, USP, cyls., dlvd. gal. .27 - —

D

Damiana leaves, bls.....lb. .16 - .17
Dandelion root, bls.....lb. .42 - .45
Decanol, normal, tech., 360 lbs., dms., dlvd..lb. .35 - —
Deertongue leaves, bls.....lb. .16 - 17
Degras,[5] common, dom., bbls..lb. .12½ Nom.
neutral, dom., bbls.....lb. .30 Nom.
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y..lb. .45 Nom.
4% rotenone prices are 4c. per lb. less.
Derris root,[2] powd., 5% rotenone, bbls., f.o.b. N.Y..lb. .35 - —
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 4.25 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.35 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 4.00 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.80 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.95 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.15 - —
Potato, bgs., dom., c.l.....lb. .03¼- —
l.c.l., bgs.....lb. .10 - .11¾
Diacetone (see under Alcohol).
Diacetyl, bots.....lb. 9.50 - 11.00
Diamyl ether (see Amyl Ether).
Phthalate, dms., c.l., dlvd...lb. .22 - —
l.c.l., dlvd.....lb. .22½- —
tanks, dlvd.....lb. .21 - —
Diamyl sulphide, l.c.l., dms., works..lb. .25 - —
Diamylamine, dms., c.l., works, lb. .61 - —
l.c.l., works.....lb. .64 - —
Diamylene, dms., c.l., works..lb. .105 - —
l.c.l., works.....lb. .112 - —
tanks, works.....lb. .095 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .17 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .18 - —
l.c.l.....lb. .21 - —
Diatomaceous earth, dom., natural, bgs., c.l., f.o.b. Pacific cst..ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 - —
Diatomaceous earth, purified, bgs., c.l., f.o.b. Atlantic seaboard..ton.35.00 -39.00
l.c.l., ex whse.....ton.85.00 -90.00
chemically pure, bgs., c.l., f.o.b. Atlantic seaboard..lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
Import, Algerian, bgs., c.l., c.l.f. ton. No prices
Mexican, white, bgs., c.l., c.l.f. lb. .02 - .03
l.c.l.....lb. .04 - .06
Dibutylamine, dms., c.l., works.. lb. .61 - —
l.c.l.....lb. .64 - —
Dibutyl ether (see Ether, butyl).
Phthalate,[3] dms., c.l., dlvd..lb. .21 - .22
l.c.l., dlvd.....lb. .21½- .23½
tanks, dlvd.....lb. .20 - .22
cns., works.....lb. .23½- .26½
Sebacetate, dms., works.....lb. .45 - .47
Tartrate, dom., dms.....lb. .37 - —

Dicalcium phosphate (see Calcium phosphate dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l.....lb. .16 - —
tanks.....lb. .14 - —
Dichloropentanes, dms., c.l., works..lb. .037 - —
l.c.l.....lb. .04½- —
tanks.....lb. .03 - —
Diethanolamine, dms., c.l., works. lb. .23½- —
l.c.l., works.....lb. .24½- —
tanks, works.....lb. .22½- —
Diethylamine, dms., l.c.l., works. lb. .76 - —
l.c.l., works.....lb. .81 - —
Diethylamino ethanol, l.c.l., dms., works, frt. alld. E. of Miss. River..lb. .85 - —
Diethylanilin, dms.....lb. .40 - —
Diethyl carbonate, com'l, dms.. lb. .25 - —
refd., 99%, dms.....lb. .35 - —
Oxalate, dms., l.c.l., dlvd....lb. .28 - —
Phthalate, dms., c.l., dlvd..lb. .21½- —
l.c.l.....lb. .22 - —
tanks.....lb. .20½- —
Sulphate, dms., c.l., works...lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks.....lb. .12 - —
Diethyleneglycol, dms., c.l., works lb. .14 - —
l.c.l., works.....lb. .15½- —
Monobutylether, dms., works..lb. .22½- .24½
Monoethylether, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13¼- —
Digitalis leaves, dms.....lb. .48 - .49
Diglycol, laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works.. lb. .19 - —
Dillseed, cleaned, bgs.....lb. .08¼- .08¾
Dimethyl phthalate, dms., c.l., dlvd..lb. .20 - —
l.c.l., dlvd.....lb. .20½- —
tanks, dlvd.....lb. .19 - —
Dimethylamine, dms., c.l., dlvd.lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l., dms.....lb. .24 - —
Dinitrobenzene, bbls., 80° min.lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .05 - —
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .59 - .61
tanks.....gal. .51 - —
dest., dist., dms.....gal. .55 - .58
tanks.....gal. .48 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, dms..lb. .43 - .45
cns.....lb. .48 - .50
Diphenylamine,[7] bbls.....lb. .25 - —
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Dimethylethyl carbinol (see Carbinol).
Divi-Divi, Colombian.....ton.65.00 - —
Venezuelan.....ton.65.00 - —
Doggrass root, imp. cut, NF, bls. lb. .90 - 1.00
domestic, bls.....lb. .36 - .37
Dogwood bark, Jamaica, bls...lb. .07½- .08
Dovers powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, reeds, cs.....lb. 1.10 - 1.15
Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Blue, FD&C blue, No. 1, cns.lb.13.50 - —
FD&C blue, No. 2, cans...lb.13.50 - —
Green FD&C green, No. 2, cns. lb.17.50 - —
FD&C green, No. 3, cns....lb.27.50 - —
FD&C green, No. 1, cns....lb.13.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns....lb. 4.15 - —
drugs and cosmetics:—
Yellow, FD&C yellow, No. 1, cns..lb. 8.50 - —
FD&C yellow, No. 3, cns..lb. 2.63 - —
FD&C yellow, No. 4, cns..lo. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors), for drugs and cosmetics:—
Black, D&C black, No. 1....lb. 8.35 - —
Blue, D&C blue, No. 6.....lb.13.50 - —
Brown, D&C brown, No. 1, cns., lb.12.35 - —
Green, D&C green, No. 5, cns., lb.12.35 - —
D&C green, No. 6, cns....lb.12.35 - —
Orange, D&C orange, No. 3, cns..lb. 8.35 - —
D&C orange, No. 4, cns....lb.15.35 - —
D&C orange, No. 10, cns...lb.15.35 - —
D&C orange, No. 11, cns...lb.17.35 - —
Red, D&C red, No. 8.....lb. 6.60 - —
D&C red, No. 17.....lb. 3.35 - —
D&C red, No. 18.....lb.18.35 - —
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33.....lb.13.35 - —
D&C red, No. 37, cns.....lb.12.35 - —
Yellow, D&C yellow, No. 7, cns..lb. 8.35 - —
D&C yellow, No. 3, cns....lb. 1.55 - —
D&C yellow, No. 11.....lb.10.35 - —
Dyes, coaltar (certified colors), for external use drugs and cosmetics:—
Blue, Ext. D&C blue, No. 1, cns..lb.12.35 - —
Green, Ext. D&C green, No. 1, cns..lb. 12.35 - —
Red, Ext. D&C red, No. 1, cns..lb.10.35 - —
Ext. D&C red, No. 3.....lb.21.35 - —
Ext. D&C red, No. 8.....lb. 7.85 - —
Ext. D&C red, No. 10, cns..lb.12.35 - —
Ext. D&C red, No. 13, cns..lb.12.35 - —
Yellow, Ext. D&C yellow No. 1, cns..lb. 8.35 - —

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G....lb. .65 - .70
40 Chrome yellow R....lb. .50 - 1.00
58 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A.....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste....lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
Sulphur tan.....lb. .30 - .50
202 Chrome blue black U.lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B.lb. .80 - .85
324 Direct cast scarlet....lb. 2.00 - 2.25
304 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.35
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN. lb. .45 - .60
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B...lb. .54 - .56
405 Benzo purpurin 10B..lb. .40 - .50
502 Direct azorin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.10 - 1.25
520 Direct pure blue....lb. .50 - 1.00
529 Direct fast black, FF.lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO....lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
638 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow....lb. 2.00 - 2.25
845 Niyrosin (water soluble). lb. .35 - .50
1177 Indigo, 20 p.c. paste..lb. .15 - .18
Benzo fast black L..lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Dyes, coaltar, for stains, oil soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
865 Nigrosin derivatives..lb. .38 - .62
Blue:—
1075 Alizarin astrol base..lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
Brown:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —
Red:—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink). lb. 2.50 - —
1080 Anthraquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00

Dyes, coaltar for stains, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .38 - .47
Blue:—
860 Indulin .....lb. .60 - .70
Brown—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoilin G.....lb. .95 - —
21 Chrysoldin R.....lb. .96 - —
Red:—
677 Fuchsin, magenta, base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow. lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet base....lb. .85 - —

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S.lb. .50 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.05 - 1.10
729 Victoria blue B.....lb. 1.85 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B...lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R. lb. .66 - —
231 Bismarck brown G...lb. .47 - .62
332 Bismarck brown R...lb. .47 - .62
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B...lb. 1.55 - —
1078 Alizarin cyanin green.lb. 2.25 - —
Orange:—
10 Chrysoldin G.....lb. .44 - —
21 Chrysoldin R.....bl. .41 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .31 - .33
161 Orange R.....lb. .34 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol red 6B.. lb. .68 - —
79 Popceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .60 - .62
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crosein M...lb. .68 - —

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .75 - —
621 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
10 Naphthol yellow S....lb. .88 - —
138 Metanil yellow.....lb. .56 - .58
636 Fast light yellow.....lb. 1.25 - —
639 Xylene light yellow...lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .18 - .19
Egg albumen (see Albumen).
yolk, dried, dom., bbls.....lb. .87 - .92
imported.....lb. .87 - .92
Elder flowers, bright, bls.....lb. .88 - .90
Elecampane root, bls.....lb. .20 - .21
Elm bark, grinding, bls.....lb. .14 - .15
powd., bbls., bxs.....lb. .20 - .21
select, bndls.....lb. .20 - .21
Emetine hydrochloride, bots...oz.26.00 -34.50
Ephedra, bls.....lb. .18 - .19
Ephedrine, synth., USP, hemihydrate, bots., 100 ozs. or more..oz. .65 - —
anhyd., bots., 100 ozs. or more..oz. .65 - —
hydrochloride, tins, 100 ozs. or more..oz. .50 - —
Sulphate, cryst., tins, 100 ozs. or more..oz. .45 - —
natural, USP, anhydrous, bots. oz. 1.15 - 1.65
hydrochloride or sulphate, tins..oz. .95 - 1.45
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls.....100 lbs. 1.90 - —
Epsom salt prices on technical and USP are on the basis of freight equalized with Balto., Carteret, N. J., Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
dried, bgs., l.c.l.....lb. .08 - .09
Ergot, USP, ans., dms.....lb. 1.75 - 1.80
Eserine, bots.....oz. No prices
Salicylate, bots.....oz.41.00 -48.00
Sulphate, bots.....oz.41.00 -48.00
Ether, acetic (see Ethyl acetate).
Butyl, l.c.l., dlvd.....lb. .30 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .78 - —
Sulphuric, conc., 310-lb. dms.lb. .11 - —
27-lb. dms.....lb. .16 - —
Synth., dms., c.l., works....lb. .10 - —
l.c.l., works.....lb. .11 - —
tanks.....lb. .08 - —
USP, anesthesia, hospitals, 1-lb. cns..lb. .52 - .53
Amyl (see Amyl, ether):—
Ethyl acetate,[3] 85-90%, dms., c.l., frt. alld..lb. .12 - .13
l.c.l., frt. alld.....lb. .12½- .13½
tanks, frt. alld.....lb. .11 - .12
95-99%, dms., c.l., frt. alld..lb. .12¼- .13¼
l.c.l., frt. alld.....lb. .12¾- .13¾
tanks, frt. alld.....lb. .11¼- .12¼
NF, 190-lb. dms.....lb. .13¾- —
Acetoacetate, dms., c.l., works. lb. .37½- —
l.c.l., frt. alld.....lb. .38 - —
Benzoate, bots.....lb. 1.00 - 1.25
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb.10.00 -11.00
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.50 - 3.75
Formate, cns., dms.....lb. .27¾- —
Iodide, bots.....lb. 3.50 - 3.60
Lactate, 55-gal. dms., works, lb. .33½- —
5-gal. dms., works.....lb. .37½- .39½
Oenanthate, dms.....lb. .75 - 1.25
Oxalate, dms., frt. alld.....lb. .33 - —
Oxyhydrate, bots.....gal. 7.50 - 8.00
Silicate, l.c.l., dms., works..lb. .77 - —
Vanillin, 25-lb. lots, cns.....lb. 4.75 - 5.25
5-lb. lots, cns.....lb. 4.80 - 5.30
1-lb. lots, cns.....lb. 4.95 - 5.40
Ethylcellulose, std. cans, 5,000 lbs. or more, works..lb. .50 - —
less than 5,000 lbs., same basis..lb. .52 - .60
Ethylene, dichloride,[3] dms., c.l., works, E. of Rockies, frt. alld..lb. .0742- —
West of Rockies, same basis..lb. .0792- —
l.c.l., works, E. of Rockies, frt. alld..lb. .0795- —
West of Rockies, same basis..lb. .0841- —
Ethyleneglycol, dms., c.l.....lb. .14½- —
l.c.l.....lb. .15½- .18½
tanks.....lb. .13¼- —
Monobutylether, dms., c.l., wks. lb. .16½- —
l.c.l., works.....lb. .17½- .20½
tanks, works.....lb. .15½- —
Monoethylether, dms., c.l., wks., lb. .14½- —
l.c.l., works.....lb. .15½- .16½
tanks, works.....lb. .13½- —
Ethyleneglycol, monoethylether, acetate, dms., c.l., works..lb. .11½- —
l.c.l., dms.....lb. .12½- .15½
tanks, works.....lb. .10½- —
Ethyleneglycol, monomethylether, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ethylidinanilin, dms.....cb. .45 - .47½
Eucalyptol, cns., dms.....lb. 2.00 - 2.50
Eucalyptus, leaves, bls.....lb. .10 - .11
Eugenol, cns., dms.....lb. 2.75 - 2.80
Euphorbia, bls.....lb. .12 - .15

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
l.c.l., minimum 2 tons...ton.17.00 -20.50
glass, 20 mesh, bulk, works.ton. 9.75 -12.25
l.c.l., minimum 2 tons...ton.12.75 -16.25
pottery, bulk, Me., works...ton.17.00 -19.00
N.C., works.....ton.17.00 -19.00
l.c.l., minimum 2 tons.ton.20.00 -22.00

Fennel Seed—Hypernic

Fennel seed, Argentine, bgs...lb. .14 - .14½
German, large bags.....lb. .20 - .21
Indian, bags.....lb. .11½- .12
Fenugreek, seed, bgs.....lb. .14¼- .14¾
Ferric, sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs. or over, works..lb. .14 - —
smaller lots, works....lb. .15 - —
light, cs., 1,000 lbs. or over, works..lb. .15 - —
smaller lots, works....lb. .16 - —
water white, cs., 1,000 lbs. or over, works..lb. .16 - —
smaller lots, works....lb. .17 - —
Fir balsam, Canada, cns.....gal.16.00 -17.00
Oregon, bbls.....gal. 1.25 - 1.40
Fish berries, bgs.....a.....lb. .24 - .25
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures...unit-ton. Nominal
meal,[1] bgs., f.o.b. Balto....ton.75.00 - —
6-7% ammon., 3% phosphor. acid, bulk, Chesapeake Bay factories, contracts..... unit-ton. Nominal
sardine, Japanese, 11½% ammon., bgs., c.i.f. ports..ton. No prices
Flake white, dom., bbls.....lb. .09 - —
kegs .....lb. .11 - —
Fleaseed, French, black, bgs..lb. .70 - .75
Indian, blonde, bgs.....lb. .15 - .16
Fluorspar, dom.,[2] No. 1 ground, bulk, 95-98%, f.o.b. mines.. net ton.33.00 - —
washed gravel, 85.5 f.o.b. Ky. and Ill.-Ky. mines...net ton.25.00 - —
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines....net ton.25.00 - —
imported, 85.5, duty paid..... short ton.26.00 - —
Formaldehyde,[1,2,3] bbls., c.l., works..lb. .0550- .0675
l.c.l., works.....lb. .06 - .0825
dms., c.l., works.....lb. .0515- .0540
l.c.l., works.....lb. .0565- .0590
tanks .....lb. .04 - .04¼
Formaldehyde prices are under 4¼c. to 9¼c. OPA ceiling.
Fringetree bark, bls.....lb. .35 - .40
Fullers earth, dom., powdered, bgs., c.l., f.o.b. Fla., Ga. mines..ton. 8.50 -15.00
f.o.b. Tex. mines.....ton.12.50 - —
import, Eng., bgs., c.l., dlvd. N.Y...ton.30.00 -40.00
Furfural, ref., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
tanks, works.....lb. .09 - —
dms., c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
Fusel oil, refd., dms., incl., dlvd., lb. .18 - .18½
Fustic, cryst., bgs., No. 1....lb. .32 - —
No. 2..lb. .30 - —
No. 3..lb. .28 - —
extract, bbls., No. 1.....lb. .16 - —
No. 2..lb. .15 - —
No. 3..lb. .12½- —

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .25 - .30
Gambier, common, cases.....lb. No price
plantation, cases.....lb. No price
cubes, Singapore, cases...lb. .13 Nom.
extract, bbls.....lb. .09¼- .12
Gasoline[3] at refinery:—
Bayonne, US motor, tanks, ex tax..gal. .0820-.0830
California (f.o.b. San Francisco), regular, trucks, tax incl..gal. .14½- —
Gulf Coast, US motor, 72-74 octane, tanks, ex tax...gal. .05¾- .06¼
Louisiana-Arkansas, US motor, 72-74 octane, tanks, ex tax. gal. .05¾- .06½
Oklahoma-Texas, US motor, 72-74 octane, tanks, ex tax. gal. .05¾- .06
natural, 26-70, tanks....gal. .02¼- —
Gelatin, silver, cs.....lb. .90 - .97
Gelsemium root, bls.....lb. .17 - .18
Gentian root, bls.....lb. .70 - .71
grd., bbls., bxs.....lb. .73 - .74
powd., bbls., bxs.....lb. .74 - .75
Geraniol, 92-96%, cns., dms....lb. 2.50 - 3.50
other grades, cns., dms.....lb. 1.50 - 1.90
soap, cns., dms.....lb. 1.10 - 1.50
Ginger, African, No. 1, bgs.....lb. .48 - .49
Cochin, unbleached, bgs.....lb. .34 - .35
Jamaica, bold, bgs.....lb. .42 Nom.
medium, t/a, bgs.....lb. .38½- .39
grinding, t/a, bright, bgs.lb. .38 - .38¼
Ginseng root, wild Southern, cs. lb.12.00 -13.00
Glauber's salt, anhyd. (see Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. 1.05 - 1.25
5 tons or over, works, 100 lbs. 1.15 - 1.35
less than 5 tons, works, 100 lbs. 1.25 - 1.45
import, bgs.....100 lbs. No prices
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd. East or Midwest....lb. .16 Nom.
l.c.l. .....lb. .17 Nom.
36/58, c.l.....lb. .15½ Nom.
l.c.l. .....lb. .16½ Nom.
58/82, c.l.....lb. .17 Nom.
58 millepoise, 82 jelly-grams, bgs., l.c.l.....lb. .18 Nom.
82/108, c.l.....lb. .17½ Nom.
l.c.l. .....lb. .18½ Nom.
hide,[1] 100-121 (jelly test in grams), bgs., c.l., dlvd....lb. .14 - —
bbls., c.l., dlvd.....lb. .14½- —
122-149, bgs., c.l., dlvd....lb. .15 - —
bbls., c.l., dlvd.....lb. .15½- —
150-177, bgs., c.l., dlvd....lb. .16 - —
bbls., c.l., dlvd.....lb. .16½- —
178-206, bgs., c.l., dlvd....lb. .17 - —
bbls., c.l., dlvd.....lb. .17½- —
207-266, bgs., c.l., dlvd....lb. .18 - —
bbls., c.l., dlvd.....lb. .18½- —
237-266, bgs., c.l., dlvd....lb. .19 - —
bbls., c.l., dlvd.....lb. .19½- —
267-298, bgs., c.l., dlvd....lb. .20 - —
bbls., c.l., dlvd.....lb. .20½- —
299-330, bgs., c.l., dlvd....lb. .21 - —
bbls., c.l., dlvd.....lb. .21½- —
331-362, bgs., c.l., dlvd....lb. .22 - —
bbls., c.l., dlvd.....lb. .22½- —
363-394, bgs., c.l., dlvd....lb. .23 - —
bbls., c.l., dlvd.....lb. .23½- —
395-427, bgs., c.l., dlvd....lb. .24 - —
bbls., c.l., dlvd.....lb. .24½- —
428-460, bgs., c.l., dlvd....lb. .25 - —
bbls., c.l., dlvd.....lb. .25½- —
Glue, hide, 461-494, bgs., c.l., dlvd..lb. .26 - —
bbls., c.l., dlvd.....lb. .26½- —
495-529, bgs., c.l., dlvd....lb. .27 - —
bbls., c.l., dlvd.....lb. .27½- —

Hide glue prices are those established for sale by producers; prices for glue sold by jobbers are 2c. to 3½c. per pound higher according to grade. Less carlot prices are 1c. per pound higher than carlot. Maximum prices for chrome glue and coney glue (jelly test in grams 267 or higher) in carload lots are 2c. per pound higher than the prices established above.

Glycerin[1], Zones A and C, C.P.,
(B.P. 98%), drums, carlots, dlvd..lb. .16¾- —
less carlots, dlvd....lb. .19¼- —
tanks, dlvd.....lb. .18½- —
C.P. (USP 95%), drums, carlots, dlvd..lb. .18¼- —
less carlots, dlvd....lb. .18¾- —
tanks, dlvd.....lb. .18 - —
dynamite, high gravity, yellow distilled, drums, carlots, dlvd..lb. .18¼- —
less carlots, dlvd....lb. .18¾- —
tanks, dlvd.....lb. .18 - —
soaplye, 80%, drums, carlots, dlvd..lb. .11½- —
less carlots, dlvd....lb. .11¾- —
tanks, dlvd.....lb. .11¼- —
saponification, 88%, to refiners, drums, c.l., dlvd..lb. .12¾- —
less carlots, dlvd....lb. .12¾- —
tanks, dlvd.....lb. .12¾- —
saponification, 88%, individual users, dms., c.l., f.o.b. point of manufacture..lb. .13¾- —
less car lots, same basis, lb. .14¾- —
tanks, same basis.....lb. .12¾- —

Glycerin prices in Zone B are 2c. higher.

Zone A means all points east of and including N. Dak., S. Dak., Neb., Kansas, Omaha, Texas, Laramie County, Wyo.; Col., east of but not including the following counties:—Jackson, Grand, Gilpin, Jefferson, Douglass, Teller, Fremont, Custer, Huerfano, and Costilla.

Zone B means the territory between Zones A and C, as follows:—Washington, east of and including the following counties:—Okanogan, Chelan, Kittitas, Yakima, Klickitat; Ore., east of and including the following counties:—Hood River, Wasco, Jefferson, Deschutes, Klamatch; Nev., Ariz., New Mex., that part of Col. west of and including those counties mentioned above; Utah, Wyo., excepting Laramie County; Idaho and Mont.

Zone C means the territory west of Zone B.

Glycine, medicinal, bbls., tins..lb. 1.70 - 2.00
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms. .....lb. .38 - —
Stearate, dms. .....lb. .26 - —
Gold, U.S. purchase price.....oz.35.00 - —
Chloride, acid brown, both..oz.20.75 -21.00
yellow, bots. .....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots. .....oz.14.50 -14.75
Gold of pleasure, seed, bgs....lb. .25 - .26
Goldenseal, root, bls.....lb. 4.25 - 4.30
powd., bxs.....lb. 4.70 - 4.75
Grains of Paradise, bgs.....lb. .36 - .37
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphite carbon, bgs., c.l., works..lb. .07 - —
bbls., c.l., works.....lb. .07¼- —
l.c.l., works.....lb. .07¼- —
85% graphite carbon, bgs., c.l., works..lb. .02½- —
l.c.l., works.....lb. .03¼- —
bbls., c.l., works.....lb. .02¾- —
50% graphite, carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease,[1,3] house, loose.....lb.0629¾- —
white, loose.....lb.0971¼- —

Wool (see Adeps lanae and Degras).

Green,[3] chrome, CP, dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C. E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .23 - —
6-10%, bbls., same basis..lb. .24 - —
11-15%, bbls., same basis..lb. .25 - —
16-20%, bbls., same basis..lb. .25½- —
21-25%, bbls., same basis..lb. .26 - —
26-30%, bbls., same basis..lb. .26½- —
31-35%, bbls., same basis..lb. .27½- —
36-40%, bbls., same basis..lb. .29 - —
41-45%, bbls., same basis..lb. .30½- —
46-50%, bbls., same basis..lb. .33 - —

Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1½c.; El Paso, 2c), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita prices are equalized with Chicago.

reduced, CP, color content up to 5%, same basis..lb. .06½- —
9-10%, bbls., same basis..lb. .07¼- —
11-13%, bbls., same basis..lb. .07¾- —
14-16%, bbls., same basis..lb. .08 - —
17-19%, bbls., same basis..lb. .08¼- —
20-21%, bbls., same basis..lb. .08½- —
22-23%, bbls., same basis..lb. .08¾- —
24-25%, bbls., same basis..lb. .09 - —
26-27%, bbls., same basis..lb. .09¼- —
28-29%, bbls., same basis..lb. .09¾- —
30-31%, bbls., same basis..lb. .10¼- —
32-33%, bbls., same basis..lb. .11¾- —
34-35%, bbls., same basis..lb. .12¾- —
36-40%, bbls., same basis..lb. .14¾- —
41-45%, bbls., same basis..lb. .16¾- —
46-50%, bbls., same basis..lb. .17¼- —
51-55%, bbls., same basis..lb. .17¾- —
56-60%, bbls., same basis..lb. .18¼- —
61-65%, bbls., same basis..lb. .18¾- —
66-70%, bbls., same basis..lb. .19¾- —
71-75%, bbls., same basis..lb. .20¾- —
Oxide, dms., pure, bbls.....lb. .25 - —
ceramic, light shades, bbls., c.l., works..lb. .25 - —
l.c.l., works.....lb. .27 - —
standard grade, bbls., works..lb. .23½- —
Tetrahydroxide, bbls.....lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.75 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .11 - .12
Guaiac resin, cs.....lb. .30 - .35
strained, cs.....lb. .95 - 1.00
Wood, bls.....lb. .05 - .06
Guaiacol, liq., dms.....lb. 1.75 - 2.01
Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs.....lb. 1.65 - 1.70
Gum Aloe (see A).
Ammoniac, tears, cs.....lb. 1.20 - 1.25
Arabic, amber sort, cleaned, bgs..lb. .22 - .24
powd., bbls.....lb. .26 - .28
white, sorts, 1, bgs.....lb. .33 - .35
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 3.75 - 4.00
Sumatra, cs.....lb. .45 - .50
Camphor (see C).
Chicle, prime, 33% moisture, bgs., ton lots..lb. .40 - .42
Copal,[3] Congo, 1, water white transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Francisco..lb. .49½- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gum prices on 80,000 lbs. min. apply to assorted lots of gums as well as one grading packed in bags, unless otherwise specified; l.c.l. prices are ¼c. higher for 10 bgs, or over; ½c. higher for 1-9 bags.
2, water white.....lb. .29½- —
3, selected pale straw, bold. lb. .24½- —
4, pale straw, bold.....lb. .24 - —
5, pale straw, bold.....lb. .22¾- —
6, pale amber, bold.....lb. .21½- —
7, pale straw, bold.....lb. .17 - —
8, light amber, bold.....lb. .17 - —
9, medium light amber, bold. lb. .13¾- —
10, rescraped hard amber, bold..lb. .13¾- —
11, hard dark amber, bold. lb. .12¾- —
12, selected bold sorts....lb. .11¾- —
13, dark sorts, bold.....lb. .09¼- —
14, selected, fully scraped, ivory..lb. .23¾- —
15, ordinary ivory sorts..lb. .10¾- —
16, inferior ivory sorts.....lb. .09½- —
17, pale fingers.....lb. .18¾- —
18, pale straw nubs.....lb. .19½- —
19, pale straw nubs.....lb. .18¾- —
20, hard dark amber nubs. lb. .13¼- —
21, ordinary selected nubs. lb. .12¾- —
22, small mixed nubs.....lb. .10¾- —
23, dark, mixed nubs.....lb. .11¾- —
24, No. 1, ivory nubs.....lb. .17¼- —
26, pale small nubs.....lb. .10¾- —
27, pale small nubs.....lb. .10¼- —
28, pale dust.....lb. .06¾- —
Batu,[6] bold scraped.....lb. .11¼- —
unscraped .....lb. .10¼- —
chips .....lb. .07¼- —
dust .....lb. .07 - —
nubs and chips.....lb. .07¼- —
black, bold, scraped.....lb. .12½- —
unscraped .....lb. .08 - —
nubs and chips.....lb. .07¾- —
Hiroe,[6] Macassar, pale bold, lb. .17¾- —
chips .....lb. .11½- —
dust .....lb. .07 - —
nubs .....lb. .13¾- —
Singapore,[6] Rasak, bold....lb. .22¾- —
chips .....lb. .12¾- —
dust .....lb. .07 - —
nubs .....lb. .17¾- —
Manila,[6] Bocas, amber and dark, bskts..lb. .14 - —
light, bskts.....lb. .15¾- —
Loba A, bskts.....lb. .14¼- —
B, bskts.....lb. .14¼- —
C, bskts.....lb. .13¾- —
CNE, bskts.....lb. .10¼- —
D, bskts.....lb. .13¼- —
DK, bskts.....lb. .10 - —
dust, bskts.....lb. .07¾- —
Sambas and white split chips, bskts..lb. .15¾- —
Singapore,[6] dust, bskts.....lb. .07¾- —
Spirit-soluble, CBB, bskts. lb. .13¼- —
DBB, bskts.....lb. .12¼- —
MA, bskts.....lb. .10¼- —
MB, bskts.....lb. .09¾- —
WS, bskts.....lb. .12¼- —
Philippine;[6] Manilla, amber sorts, bskts..lb. .10¾- —
chips, pale, bskts.....lb. .13½- —
pale, small, bskts.....lb. .11¾- —
extra pale, sorts, bskts...lb. .13¼- —
nubs, bskts.....lb. .14¼- —
scraped, bskts.....lb. .15½- —
seeds and dust, bskts.....lb. .09¾- —
Pontianak,[6] bold, genuine, bgs..lb. .22¾- —
mixed, bgs.....lb. .17¾- —
split, bgs.....lb. .19¾- —
chips, bgs.....lb. .14½- —
nubs, bgs.....lb. .18¾- —
Dammar,[6] Batavia, A, cs., same basis as copal..lb. .35¾- —
A/C, cs.....lb. .31¼- —
A/D, cs.....lb. .28¾- —
A/E, cs.....lb. .25¾- —
B, cs.....lb. .34¾- —
C, cs.....lb. .28¾- —
D, cs.....lb. .25¾- —
dust, cs.....lb. .13¾- —
E, cs.....lb. .15¾- —
F, cs.....lb. .13¾- —
Singapore, 1 cs.....lb. .30¾- —
2, cs.....lb. .25¾- —
3, cs.....lb. .12¾- —
chips, cs.....lb. .23½- —
dust, cs.....lb. .13 - —
seeds, cs.....lb. .17¾- —
Elemi,[6] cns., same basis as copal..lb. .08¾- —
Ester, ordinary, c.l., dms., contract, dlvd. New Eng., N. Y., N. J., Pa., Va., N. C., Ky., Ohio, Ind., Mich., Wis. and Ill..lb. .08½- .09½
Mont., Idaho, Wyo., Nev., Utah, Col., Ariz., N. Mex. and Western Tex..lb. .09 - .10
Pacific Coast (water shipt.)..lb. .08½- .10
Other points.....lb. .08¾- .10½

For delivery of 3,000 pounds, prices are ¼c. per pound higher than the above in each case; for delivery of smaller lots, prices are ½c. per pound higher in each case. Spot prices are ½c. per pound higher.

Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.60 - 1.65
Gamboge, pipe, cs.....lb. 2.30 - 2.35
powd., bbls.....lb. 2.50 - 2.55
Ghatti, soluble, bgs.....lb. .11 - .15
Guaiac (see Guaiac resins).
Karaya, bbls., bxs., dms.....lb. .14 - .33
Kauri, brown, XXX, cs., c.l..lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80%, chips, cs., c.l., same basis..lb. .15½- —
pale, XXX, cs., same basis, lb. .61 - —
1, cs., c.l., same basis....lb. .41 - —
2, cs., c.l., same basis....lb. .24 - —
3, cs., c.l., same basis....lb. .17¾- —
Kino, tins.....lb. No prices
Locust beans, powd., bbls...lb. 1.15 - 1.25
Gum, mastic, cs.....lb. 3.25 - 3.30
Myrrh, USP, cs.....lb. .78 - .79
Olibanum, siftings, cs.....lb. .12 - .13
tears, cs.....lb. .20 - .35
Opium (see O).
Rosin (see R).
Sandarac, cks.....lb. 1.00 - 1.10
Scammony, cs.....lb. 1.30 - 1.35
Talha, bgs.....lb. .10 - .11
Thus, bbls.....280 lbs.16.50 - —
Tragacanth, Alleppo, 1 cs....lb. 3.50 - 3.60
2 cs.....lb. 2.00 - 3.00
3 cs.....lb. 1.10 - 1.20
Yacca, bgs.....lb. .06½- .07¾
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.45 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
Harlem River, N. Y., frt. equald..ton.27.65 - —
New Brighton, N. Y., frt. equald..ton.27.65 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —
plaster of paris, paper bgs., f.o.b. Blue Rapids, Kans. frt. equald..ton.12.50 - —
Acme, Tex., frt. equald.ton.12.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —

Stucco, paper bgs., c.l., f.o.b. Acme, Tex.; Akron, N. Y.; Blue Rapids, Kansas; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Va.; Portsmouth, N. H.; Roton, Tex.; Saltville, Va.; Southard, Okla.; Sweetwater, Tex.; frt. equald.....ton. 8.00 - —
Terra Alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla.ton..12.00 - —
Harlem River, N.Y..ton.12.00 - —
import, bgs., ex dock....ton. No prices

H

Hawthorn berries, bgs.....lb. 1.25 - 1.30
Heliotropin, cryst., cns.....lb. 5.25 Nom.
Hellebore root, white, powd., bbls. lb. .36 - .42
Helonias root, bls.....lb. .63 - .64
Hematine, cryst., bgs., No. 1..lb. .34 - —
No. 2.....lb. .30 - —
No. 3.....lb. .28 - —
No. 4.....lb. .26 - —
No. 5.....lb. .24 - —
paste, bxs., No. 1.....lb. .14½- —
No. 2.....lb. .13½- —
No. 3.....lb. .12½- —
Hemlock bark extract, 25% tan, c.l., bbls., works..lb. .03½ Nom.
l.c.l., bbls., works.....lb. .03¾ Nom.
tanks, works.....lb. .03 Nom.
Hempseed, Manchur., bgs.....lb. .15½- .16
Henbane leaves, bbls.....lb. 2.85 - 3.25
Henna leaves, bls.....lb. .28 - .30
powd., bbls., bxs.....lb. .33 - .35
Heptanes,[1] 56°-100°C, industrial grade, dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10 - —
50°-100° C., laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
10 gal., Group 3.....gal. .55 - —
77°-115°C, industrial grade, dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
10 gal., Group 3.....gal. .55 - —
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[1,3,6] tech., dms., 1,500 lbs. or more, shipment, f.o.b. Perth Amboy or N.Y.C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .33 - —
USP, dms., 500 lbs. or more, shipments, same basis..lb. .38 - —
fib. ctns., same basis.....lb. .40 - —
Hexanes,[1] 60°-70°C, industrial grade, dms., c.l., Group 3..gal. .13½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .11 - —
Hexanes, 60°-70° C., laboratory grade, dms., c.l., Group 3.. gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
10 gal., Group 3.....gal. .55 - —
Hexanol, dms., l.c.l., works..lb. .25 - —
Homatropine hydrobromide, 25 oz., bots..oz.37.50 -42.00
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit. 4.00 - 4.25
Hops, NF, bls.....lb. .26 - .27
Horehound, bls.....lb. .15 - .16
Hydrangea root, bls.....lb. No prices
Hydrastine, bots., 4 ozs.....oz.20.00 - —
Hydrochloride, bots., 4 ozs..oz.20.00 - —
Sulphate, bots., 4 ozs.....oz.29.00 - —
Hydrastine, 15 grs., bots...bot. 1.95 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E. of Miss. River; West Coast via Panama Canal..lb. .16 - .18½
Hydroquinone, dealers, bbls., dms. lb. .90 - .94
Hydroxycitronellol, cns.....lb.10.25 -10.50
Hyoscine hydrobromide, bots., gram. 4.50 - —
Hyoscyamine, bots.....oz.37.50 - —
Hydrobromide, bots.....oz.37.50 - —
Sulphate, bots.....oz.37.50 - —
Hypernic, cryst., bgs., No. 1..lb. .42 - —
No. 2.....lb. .34 - —
extract, bbls., No. 1.....lb. .24 - —
No. 2.....lb. .19 - —

I

Iceland moss, bls.....lb. 1.45 - 1.50
Ichthyol, bots.....lb. 4.00 - —
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 2.14 - 2.50
synth., liq., bbls.....lb. 16½- .19
powd., bbls.....lb. .74½- .85
Indian metal.....oz. 12.50 - -
Indol, CP, bots.....lb. 28.00 - 30.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.67 - —
kgs., 150 lbs., less 5%, ex whse., Staten Island..lb. 1.35 - 1.44
resubl., bots., 5 lbs.....lb. 2.19 - —
jars, 50 lbs.....lb. 2.00 - —
Iodoform, dms., 100 lbs.....lb. 3.95 - 4.10
jars.....lb. 4.20 - —
Ionone, alpha, bots.....lb. 2.55 - 2.80
beta, bots.....lb. 3.90 - 3.95
Methyl, alpha, 100%, cns.....lb. 4.55 - —
Ipecac, root, bgs.....lb. 1.45 - 1.50
powd., bxs.....lb. 1.50 - 1.55
Irish moss, ordinary, bls.....lb. 30 - .35
powd., 80-90 mesh, bbls..lb. .50 - .55
prime bleached, bls.....lb. .80 - .85
Iron acetate, N. F., IV, 100-lb. cbys..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd.....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 390-lb. dms..100 lbs. 4.65 - 5.25
150-lb. dms.....100 lbs. 5.00 - 5.60
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kegs, works, frt. alld. or equald..lb. .07½- .08
liquor, cbys., wks., frt. alld. or equald..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs.....lb. .08½- —
solut., cbys., works, frt. alld. or equald..lb. .06½- .07
djns.....lb. .07½- —
Citrate, USP VIII, pearls....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., bgs., 1,000-lb. lots..lb. 3.30 - 3.39
100-lb. lots.....lb. 3.40 - 3.49
cns., 25 lbs.....lb. 3.52 - 3.62
Hyposulphite, bbls., dms.....lb. 1.50 - 1.60
Iodide, bots.....lb. 3.18 - 3.22
syrup, cbys.....lb. .39 - .40
bots.....lb. .53 - —
Nitrate, red, tech., dms.....lb. .03½- .04
Oxalate, powd., kgs.....lb. .47 - .49
cns.....lb. .52 - —
scales, cns.....lb. .82 - .85
Oxide, black, bbls., works...lb. .08 - —
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 99%, cs.....lb. .65 - .75
Sulphate, tech. (see Coppers and ferric sulphate).
Sulphate, USP, cryst., 275-lb. bbls..lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., 2,000-lb. lots, dms..lb. .32 - —
200-lb. lots, dms.....lb. .35 - —
pearls, 2,000-lb. lots, dms..lb. .32 - —
200-lb. lots, dms.....lb. .35 - —
scales, 2,000-lb. lots, dms..lb. .44 - —
200-lb. lots, dms.....lb. .47 - —
Prices on green are the same as for brown.
Iron-ammonia oxalate, bbls....lb. .23½- —
dms., kgs.....lb. .25½- —
Iron-soda oxalate, bbls.....lb. .23½- —
dms.....lb. .25½- .26½
Isobutyl acetate, 55-gal. dms., works..lb. .0860- —
tanks, works.....lb. .0760- —
Propionate, dms., works.....lb. .102 - —
Isopentane, 50-gal. dms., single, works..gal. .45 - —
10-gal. dms., single, works..gal. .55 - —
Isophorone, dms., works.....lb. .25 - —
Isopropylamino, dms., works...lb. .35 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .12 - —
c.l., E. of Rockies, frt. alld. lb. .11 - —
l.c.l., E. of Rockies, frt. alld..lb. .11½- —
tanks, E. of Rockies, frt. alld..lb. .10 - —
Alcohol (see Alcohol).
Ether, dms., 5 gals., frt. alld. gal. .55 - —
55 gals., c.l., E. of Miss., frt. alld..gal. .35 - —
55 gals., c.l., W. of Miss., frt. alld..gal. .39 - —
l.c.l., E. of Miss., frt. alld. gal. .44 - —
tanks, E. of Miss., frt. alld. gal. .25 - —
W. of Miss., frt. alld.. gal. .29 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .65 - .70
powd., bbls., bxs.....lb. .70 - .75
resin, lump, 100-lb. lots, cns.lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, bgs.....lb. .50 - .60

K

Kamala, tins.....lb. .40 - .41
Kaolin (see China clay).
Kava kava root, bls.....lb. .24 - .26
Kerosene[1] at refinery:—
Bayonne, 41-43 w.w., tanks. gal. .0530- —
California (f.o.b. San Francisco), truck..gal. .11½- —
Gulf ports, 41-43, bulk....gal. .03½- .04¾
Louisiana-Arkansas, 41-43 w.w., bulk..gal. .04¾- —
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04¾- .04¾
Pennsylvania, 45 w.w., tanks. gal. .06¼- —
Kola nuts, bgs.....lb. .07½- .08

L

Lady slipper root, bls.....lb. .53 - .55
Lanolin (see Adeps lanae).
Lard,[2] city, tubs.....100 lbs. 12.50 - 12.75
Middlewestern, trcs....100 lbs. 12.50 - 12.60
Neutral, trcs.....100 lbs. 12.75 - 13.00
Western, choice, trcs..100 lbs. 12.60 - 12.70
Compound, trcs.....100 lbs. 16.50 - 17.00
Larkspur seed, bgs.....lb. 4.85 - 5.00
Laurel berries, bls.....lb. .25 - .26
Greeks, bls.....lb. .55 - .56
Cypress, bls.....lb. .52 - .54
Portuguese, bls.....lb. .21 - .22
Spanish.....lb. .22 - .24
Lavender flowers, ordinary, bls.lb. .40 - .45
medium, bls.....lb. .83 - .85
select, bls.....lb. .95 - 1.00
Lead,[1] metal (see paint market).
Acetate, white, broken, bbls..lb. .12¾- .13¼
cryst, bbls.....lb. .12¾- .13¼
gran., bbls.....lb. .13½- .14
powd., bbls.....lb. .13½- .14
Arsenate, bls., c.l.....lb. .11 - .12
l.c.l., bgs.....lb. .11¼- .12¾
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.
Blue, basic sulphate, bbls., c.l., c.l., dlvd. E..lb. .07¼- — dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07½- —
l.c.l., dlvd. E.....lb. .07½- — Ariz., Cal., Col., Idaho, Mont., Nev., N.M., Ore., Utah, Wash., Wyo..lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib. dms., 100 lbs...lb. .49 - —
Iodide, NF V, powd., 5-lb. bots. lb. 2.80 - —
jars.....lb. 2.69 - —
Linoleate, pale, precip., dms.lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .10 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .11 - .14
Peroxide, powd., bbls., tech.lb. .23 - —
Oleate, bbls.....lb. .18½- .20
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- — Other points.....lb. .09 - —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. Cascade Mts. in Ore. and Wash...lb. .09¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10¼- —
Colo., Mont., N. Mex., Wyo..lb. .10 - — other points.....lb. .09½- —

Iceland Moss—Lecithin

Lead, red, dry, 95% or less, Pb_3O_4, l.c.l., smaller lots, Ala., etc..lb. .10½- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10¾- —
other points.....lb. .10 - —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .09¼- — other points.....lb. .09¾- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .10 - —
Ariz., etc.....lb. .10¼- —
Colo., etc.....lb. .10¾- —
other points.....lb. .09¾- —
smaller lots, dlvd. Ala....lb. .10¾- —
Ariz., etc.....lb. .11 - —
Colo., etc.....lb. .10¾- —
other points.....lb. .10¼- —
98%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc..lb. .09¾- — other points.....lb. .09½- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
smaller lots, dlvd., Ala., etc..lb. .10½- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
in oil, 95% min., 100-lb. kgs. lb. .14 - —
Resinate, fused, 15%, bbls...lb. .09½- — pale, bbls.....lb. .11¼- —
Silicate, bgs., 5 tons.....lb. .0780- — smaller lots.....lb. .0780- —
Stearate, bbls.....lb. .25 - —
Sulphate (see Lead, white basic sulphate).
Nitrate, bgs., or bbls., c.l., basic sulphate, bbls., c.l. (20 tons), works, frt. alld..lb. .10¾- — l.c.l., 5 tons, one delivery, E., frt. alld..lb. .10¼- — Pac. Cst., ex whse....lb. .10¾- — smaller lots, E. frt. alld..lb. .10¾- — Pac. Cst., ex whse....lb. .10¾- —
White, dry, basic carbonate, **bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., Wash. and Wyo..lb. .08¼- — other points.....lb. .08¾- — l.c.l., dlvd. Ariz., etc...lb. .08¾- — other points.....lb. .08¼- —**
basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .07½- —
other points.....lb. .07¾- —
l.c.l., dlvd. Ariz., etc...lb. .08 - —
other points.....lb. .07½- —
in oil, 100-lb. kgs., consumers. lb. .13¾- —
100-lb. kgs., dealers.....lb. .11¾- —
painters.....lb. .12¾- —
Consumers' prices and painters' prices are ½c. lower on orders of 500 lbs. or more.
Lecithin, 100% cns., f.o.b. N.Y. or Chi..lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 and 3., dom., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .59 - .67½
grade 4, dms., c.l., same basis lb. .50 - —
l.c.l., same basis.....lb. .52½- .70

Seven-League-Boots with Old Shoe Comfort

For many years, up-and-down, around-and-across the world, we have been bridging the gap between chemical sources and users . . . have performed our functions for each customer like "a department of his own".

Most noteworthy about us, perhaps, is that we are large enough to have big-organization knowledge of the chemical business. Yet we are small enough for the needs of buyers and sellers of chemicals to be the personal concern of our principals. Customers often say our service is like having "seven-league-boots with old shoe comfort"

ALUMINUM CHLORIDE • VEGETABLE LECITHIN • SAPONIN
TALC • DIATOMACEOUS SILICA • DERRIS ROOT
TARTARIC ACID

NEUBERG CHEMICAL CORPORATION

441 LEXINGTON AVENUE, NEW YORK CITY • TELEPHONE MURRAY HILL 6-1990

Lecithin—Monobutylamine

Lecithin, purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grade 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis.lb. .40 - —

Lecithin prices quoted above are for goods packed in 25, 50 or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.

Lemon peel, bls.....lb. .38 - .39
Licorice extract, mass, cs.....lb. No prices
powd., bbls.....lb. No prices
root, natural, bls.....lb. .15 - .16
powder, bbls., bls.....lb. .20 - .21
select, bdls., cs.....lb. No stocks

Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.:—
Adams, Mass.....ton. 8.00 - —
Bellefonte, Pa.....ton. 7.50 - —
Berkley, W. Va.....ton. 7.50 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Martinsburg, W. Va.ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va.....ton. 7.00 - —
Riverton, Va.....ton. 7.00 - —
Rockland, Me.....ton. 8.00 - —
San Francisco, Cal..ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.50 - —

Hydrated, paper bgs., f.o.b.:—
Adams, Mass.....ton. 8.50 - —
Bellefonte, Pa.....ton. 9.00 - —
Berkley, W. Va.....ton. 9.00 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 8.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J.....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va.ton. 9.00 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D.....ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
Rockland, Me.....ton. 9.00 - —
San Francisco, Cal...ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
Adams, Mass.....ton. 9.50 - —
Bellefonte, Pa.....ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J.....ton. 8.50 - —
Marblehead, Ohio....ton.11.00 - —
Rockland, Me.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —

Lime salts (see Calcium)

Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kans., Okla., Tex..lb. No price.
dms., same basis.....lb. No price.
400 lbs. or more, bgs., same basis..lb. No price.
dms., same basis.....lb. No price.
less than 400 lbs., same basis..lb. No price.
dms., same basis.....lb. No price.
Solution, Zone 1, dms., consumers..gal. No price.
Zone 2, tanks, dealers, wks. gal. No price.
80-50, dms.....gal. No price.
Zone 3, tanks, dealers, dlvd. gal. No price.
80-50, dms.....gal. No price.
Zone 4, tanks, dealers, wks. gal. No price.
dms., wks., except Cal.gal. No price.
Zone 5, tanks, dealers, dlvd. gal. No price.
dms.....gal. No price.
Zone 6, tanks, dealers....gal. No price
80-50, dms.....gal. No price.

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. river. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Wis., Minn., Mo. and Tenn. west of Tenn. river; Penn., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes and Rockingham.

Linalool, cns.....lb. 4.75 - 7.00
Linalyl acetate, 70%, cns.....lb. 5.50 - 6.00
90%, cns.....lb. 6.50 - 6.75
92%, cns.....lb. 7.00 - 7.25
Linden flowers, bls.....lb. .95 - 1.15
without leaves, bls..... No stocks
Linseed meal, bulk.....ton.34.00 - —

Litharge, com'l powd., bbls., 20 tons, dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore., and Wash..lb. .08¼- —
dlvd. other points.....lb. .0730- —
Litharge, com'l., powd., bbls., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash...lb. .08¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash...lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
Other points.....lb. .08½- —
smaller lots, dlvd. Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
Other points.....lb. .09 - —

Lithium bromide, bbls., 100 lbs., works, frt. equald..lb. 1.00 - —
50 lbs., works.....lb. 1.03 - —
25 lbs., works.....lb. 1.05 - —
Carbonate, NF VI, 250-lb. bbls. lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Lithium, chloride, 25-lb. jars..lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Fluoride, bbls.....lb. 2.10 - 2.25
Iodide, 5-lb. bots.....oz. 5.20 - —
25-lb. jars.....lb. 5.05 - —
Lithopone[1], titanated (high strength), bgs., c.l., (20 ton)..lb. .0560- —
smaller lots.....lb. .0585- —
bbls., c.l. (20 tons).....lb. .0585- —
smaller lots.....lb. .0610- —
ordinary, bgs., c.l. (20 tons).lb. .04½- —
smaller lots.....lb. .04½- —
bbls., c.l. (20 tons).....lb. .04½- —
smaller lots.....lb. .04¾- —

Lithopone in car lots is ¼c. per lb. higher delivered to the Pac. Cst. and in less car lots is ½c. higher ex whse., Pac. Cst.

Livermort, leaves, bls.....lb. .60 - .65
Libella, herb, bls.....lb. .48 - .50
Logwood, cryst., bgs., No. 1..lb. .28 - —
No. 2..lb. .26 - —
extract, bbls., No. 1.....lb. .14 - —
No. 2..lb. .13 - —
No. 3..lb. .12½- —
No. 4..lb. .10 - —
solid, bxs., No. 1.....lb. .23¼- —
No. 2..lb. .21½- —
Lovage root, dms., bls.....lb. .60 - .65
imported, bls.....lb. No stocks
Lupulin, N.F., tins.....lb. 1.70 - 1.75
Lycopodium, cs.....lb. 8.50 Nom.

M

Mace, Banda, cs.....lb. .98 - .99
Batavia, cs.....lb. .55 - .56
Siauw, cs.....lb. .90 - .95
West Indian, cs.....lb. No stocks
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia, arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., wks..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07¼- —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07 - —
bbls.....lb. .08¼- —
kgs.....lb. .09½- —
USP, Zone 1, c.l., bgs.....lb. .08 - —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .09 - —
bbls.....lb. .09½- —
kgs.....lb. .10¼- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .08¾- —
bbls.....lb. .09¼- —
kgs.....lb. .10½- —
Other points.....lb. .08 - —

Magnesia:—Zone 1—Mass., Conn., R. I., N.Y., N.J., Pa., D. of C., Del. and Md. c.l. shipments, frt. equald. with Phillipsburg, Ambler, Plymouth Meeting, Valley Forge, and New York. On l.c.l. shipments, frt. alld., including dlvd. storedoor. Magnesia prices are f.o.b. Plymouth Meeting. Zone 2—Balance of N.S.; prices f.o.b. Plymouth Meeting, Ambler, Phillipsburg, Valley Forge, and New York.

Magnesium, chloride, anhyd., dom., bbls., dlvd..lb. .18 - —
flake, dom., bbls., wks., c.l. ton.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Magnesium, hydroxide, med., 200-lb. bbls..lb. .25 - —
25-lb. dms.....lb. .30 - —
100-lb. kgs.....lb. .26 - —
Hypophosphite, cns., 100 lb..lb. 1.45 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 - .35
Peroxide, 15%, dms., works..lb. 1.00 - 1.55
Silicate (see Talc).
Silicofluoride, bbls.....lb. .20 - .25
Stearate, bbls., ctns., 1 ton..lb. .31 - —
smaller lots.....lb. .33 - —
Sulphate (see Epsom salt).
Trisilicate, 1,000-lb. contracts. dms..lb. .37 - —
smaller lots, dms.....lb. .42 - —
cs., 500-lb. lots.....lb. .40 - —
100-lb. lots.....lb. .42 - —
5-lb. cns.....lb. .60 - —
Magnesite, cal., dom., bgs., pwd., f.o.b. mines, Calif..ton.58.75 - —
l.c.l., dlvd. N. Y.....ton.80.00 - —
dead-burned, dom.,[4] bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -26.00
Malva flowers, black, bls.....lb. 1.75 - 2.00
blue, bls.....lb. 2.25 - 2.50
Leaves, bls.....lb. .40 - .65
Manaca root, bls.....lb. .23 - .24
Mandrake root, bls.....lb. .25 - .28
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .13½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .19 - —
Chloride, bbls.....lb. .14 Nom.
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works. ton.74.00 - —
5-15 tons, works.....ton.77.00 - —
½, 4 tons, works.....ton.82.00 - —
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
l.c.l., 5 tons, works....ton.77.00 - —
smaller lots, works..ton.82.00 - —
burlap bgs., c.l., works, ton.71.75 - —
Manganese, Caucasian, 85-90%, burlap bgs., l.c.l., 5 tons, works..ton.74.75 - —
smaller lots, works..ton.79.75 - —
paper bgs., c.l., works..ton.70.00 - —
l.c.l., 5 tons, works....ton.73.00 - —
Glycerophosphate, bbls., bgs., 1,000-lb. lots..lb. 3.05 - 3.14
100-lb. lots.....lb. 3.15 - 3.24
cns., 25 lbs.....lb. 3.27 - 3.36
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.70 - —
jars, 25 lbs.....lb. 5.55 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19¼
solid, precip., 8.2%, bbls...lb. .19 - —
Resinate, fused, 3½%, bbls.ton. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., ton lots, works..lb. .10½ Nom.
single, bbls., works.....lb. .11½ Nom.
fertilizer, 65%, MnSo., bgs., c.l., dlvd. rail stations in Southern freight territory .....ton.59.50 - —
l.c.l., bgs., same basis or f.o.b. Balto. or Cincinnati .....ton.66.50 - —
Mangrove bark, bgs., shipt...ton. No price
Manna flake, large, cs.....lb. No stocks
small, cs.....lb. 3.45 - 3.50
Mannitol, com'l grade, bbls., ton lots, works..lb. .35 - —
smaller lots, works.....lb. .40 - —
reagent grade, 50-lb. cs., or multiples, works..lb. .85 - —
Marjoram, French, No. 1.....lb. .84 - .86
Tunisian, bls.....lb. .55 - .56
Chilean .....lb. .55 - .56
Matico leaves, bls.....lb. .22 - .24
Menthol, natural, cs.....lb.13.50 -13.75
synthetic, USP, cs.....lb. No prices
technical, 60-lb. cs.....lb. 3.00 - —
smaller lots.....lb. 3.10 - 3.25
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs..lb. 1.44 - —
25 lbs.....lb. 1.46 - —
50%, pails, 50 lbs.....lb. 2.09 - —
25 lbs.....lb. 2.11 - —
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride[2] (see Corrosive sublimate).
Bisulphate,[2] 5-lb. bots.....lb. 3.02 - —
100-lb. fib. dms.....lb. 2.89 - —
25-lb. jars.....lb. 2.91 - —
Chloride[2] (see Calomel).
Cyanide,[2] cryst.....lb. 4.00 - 4.05
powd. .....lb. 4.00 - 4.05
Iodide,[2] red, NF, 5-lb. bots..lb. 4.66 - 4.71
100-lb. fib. dms.....lb. 4.60 - —
yellow, 5-lb. bots.....lb. 4.76 - 4.81
fib. dms., 100 lbs.....lb. 4.70 - —
Nitrate ointment (see Citrine ointment).
tech. (see Red, mercury oxide).
Oxide,[2] yellow, tech. (see Yellow, mercury oxide).
yellow, NF VI, fib. dms., 50 lbs. or more..lb. 3.38 - —
red,[2] NF (see Red precipitate).
Mercury and chalk,[2] 5-lb. ctns..lb. 1.98 - —
25-lb. fib. dms.....lb. 1.86 - 1.88
Mesityl oxide, dms., c.l., dlvd..lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
Metal leaf, Japanese, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 2.50 - —
composition, 5½x5½ in.....pkg. 3.00 - —
gold, XX, deep, 23K, 3⅜x3⅜ in. pkg.15.00 - —
silver, 3⅜x3⅜ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs....lb. .70 - —
Methanol, natural,[1,5] producer group A, all grades, E. of Miss R., tanks..gal. .60 - —
dms., c.l.....gal. .66 - —
l.c.l. .....gal. .76 - —
Methanol prices W. of Miss. R. are 3c. per gal. higher.
Natural[1,5,6], pure, group B, tanks, frt. alld., Zone 1.. gal. .50 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .54 - —
Zone 4.....gal. .54½- —
dms., c.l., Zone 1.....gal. .55½- —
Zone 2.....gal. .57½- —
Zone 3.....gal. .59½- —
Zone 4.....gal. .61½- —
l.c.l., Zone 1.....gal. .58½- —
Zone 2.....gal. .75½- —
Zone 3.....gal. .62½- —
Zone 4.....gal. .75½- —

Natural methanol sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Tenn., R. I., Vt., Va., W. Va., Wisc.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; Zone 4, Ariz., Cal., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash.

Synthetic,[3,5] pure, dms., c.l., Zone 1, frt. alld..gal. .34½- —
2, frt. alld. or dlvd..gal. .44½- —
3, frt. alld.....gal. .38½- —
4, frt. alld.....gal. .40½- —
dms., l.c.l., Zone 1, frt. alld. or dlvd..gal. .37 - —
2, frt. alld.....gal. .36½- —
3, dlvd., S. F. and L. A. gal. .41 - —
4, frt. alld. or dlvd..gal. .52½- —
tanks, Zone 1, frt. alld..gal. .28 - —
2, frt. alld.....gal. .30 - —
3, frt. alld.....gal. .32 - —
4, frt. alld.....gal. .32½- —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10½- .12
W. of Miss. R.....lb. .11½- .13
l.c.l., dms., dlvd. E. of Miss. R..lb. .11 - .14
W. of Miss. R.....lb. .12 - .13½
tanks, dlvd. E. of Miss. R.lb. .09½- —
W. of Miss. R.....lb. .10½- —
tech., dms., c.l., dlvd. E. of Miss R..lb. .08 - .09
l.c.l., dlvd. E. of Miss. R. lb. .07½- .11
dlvd. W. of Miss. R..lb. .07½- .10½
tanks, dlvd. E. of Miss. R. lb. .06 - —
W. of Miss. R.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Methyl, acetone, natural, E. of Rockies, frt. alld., tanks, gal. .75 - —
dms., c.l., same basis..gal. .81 - —
l.c.l., same basis...gal. .86 - —

Methyl acetone prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Synthetic, tanks, Zone 1..gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .45½- —
dms., c.l., Zone 1.....gal. .51 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
Alcohol (see Methanol).
Anthranilate, 100-lb. lots....lb. 2.20 - —
25-lb. lots., bots.....lb. 2.35 - —
Benzoate, cns., 25 lbs.....lb. 1.10 - 1.15
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 400 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Methyl, cinnamate, bls.....lb. 1.50 - 4.00
Formate, dms.....lb. .89 - —
Lactate, dms., l.c.l., dlvd...lb. .70 - —
Iodide, bots.....lb. 4.00 - 4.15
Salicylate, dms.....lb. .35 - .37
cns.....lb. .37 - .40
Molybdated[3] violet toner, bbls., lb. .35 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis, lb. .28 - —
Methylcellulose, dms., 2,000 lbs. or more, works..lb. .50 - —
100 to 1,999 lbs., works...lb. .55 - —
1 to 99 lbs., works.....lb. .60 - —
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .22 - —
Methylcyclohexanone, 98 - 100%, dms., works..lb. .32 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .09 - —
l.c.l., same terms.....lb. .09½- —
tanks, same terms.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .90 - —
Methylisobutyl ketone, dms., c.l., dlvd..lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .11½- —
Methylnaphthyl ketone, dom., crvst., cns..lb. 3.00 - 3.10
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.15.00 - —
l.c.l., same basis.....ton.17.00 - —
400 mesh, containers extra, c.l., same basis..ton.17.50 - —
l.c.l., same basis.....ton.19.50 - —
Mica, dry grd., amber, No. 1 quality, c.l..ton.30.00 - —
l.c.l., 5,000 lbs.....ton.40.00 - —
1,000 lbs.....lb. .02 - —
500 lbs.....lb. .02½- —
100 lbs.....lb. .03 - —
refined, c.l.....ton.20.00 - —
l.c.l., 5,000 lbs.....ton.30.00 - —
paint, c.l.....ton.55.00 - —
l.c.l., 5,000 lbs.....ton.65.00 - —
white, No. 1 quality, c.l...ton.35.00 - —
l.c.l., 5,000 lbs.....ton.45.00 - —
1,000 lbs.....lb. .02½- —
500 lbs.....lb. .03 - —
roofing, c.l.....ton.29.00 - —
l.c.l., 5,000 lbs.....ton.39.00 - —
paint, c.l.....ton.60.00 - —
l.c.l., 5,000 lbs.....ton.70.00 - —
wet grd., paint or lacquer, c.l..lb. .04½- —
l.c.l. .....lb. .05 - —
paper, wall or coated, c.l.lb. .04½- —
l.c.l. .....lb. .05 - —
rubber, c.l.....lb. .04¼- —
l.c.l. .....lb. .04¾- —
biotite, c.l.....lb. .03¾- —
l.c.l. .....lb. .04¼- —

Mica, dry grd., is quoted in bags at the works; wet grd. mica in carload lots is frt. alld. E., and in less carload lots ex whse. or frt. alld. E. Prices of the wet grd. are ½c. per lb. higher west of the Mississippi.

Milk, powder, skimmed, roller, bbls., c.l..lb. .14 - .15
l.c.l. .....lb. .15 - .16
spray, bbls., c.l.....lb. .14½- .15½
l.c.l. .....lb. .15½- .16½
unskimmed, roller, bbls., c.l., lb. .26 - .27
l.c.l. .....lb. .26½- .27½
spray, bbls., c.l.....lb. .27 - .28
l.c.l. .....lb. .27½- .28½
Millet seed, yellow, bgs.....lb. .03½- .04
early fortune, bgs.....lb. .03¼- .03¾
hulled, bgs.....lb. .07 - .07½
Mineral spirits (see Petroleum thinners and VM & P naphtha).
Molasses, blackstrap, tanks, f.o.b. No. Atlantic ports..gal. .16 - .17
f.o.b. Gulf ports.....gal. .16 - .20
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide, pure, kgs., basis Mo. content, works..lb. .95 - —
technical, kgs., basis Mo. content, works..lb. .80 - —
Monoamylamine, dms., basis 100%, c.l., wks..lb. .61 - —
l.c.l., works.....lb. .64 - —
Monoamylnaphthalene, l.c.l., dms., works..lb. .17 - —
Monobutylamine, dms., basis 100%, c.l., wks..lb. .48 - —
l.c.l., works.....lb. .51 - —

Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms.....lb. .25 - —
tanks .....lb. .23 - —
Monoethylamine, basis 100%, dms., c.l., works..lb. .43 - —
l.c.l., works.....lb. .46 - —
Monochlorobenzene, dms., l.c.l.lb. .07 - —
smaller cns.....lb. .08 - .09
Monoethylanilin, dms.....lb. .47 - —
Monomethylamine, dms., c.l., l.c.l., dlvd.....lb. .65 - —
Monomethylpara-aminophenol-sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
bots., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs. oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, powd., 5-oz. bots. oz. 9.00 - —
25-oz. cans.....lb. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c., works..lb. .67 - —
smaller containers, works...lb. .75 - —
Mullein leaves, cans.....lb. .12 - .13
flowers, cns.....lb. 1.75 - 2.10
Musk, nat., Tonquin, grains, bots.....oz.37.00 -39.00
synth., ambrette, cns., 100 lbs. or more..lb. 4.00 - —
5 lbs. to 75 lbs.....lb. 4.10 - —
1 lb.....lb. 4.45 - —
ketone, cns., 100 lbs. or more. lb. 4.15 - —
5 lbs. to 75 lbs.....lb. 4.25 - —
1 lb.....lb. 4.60 - —
xylol, cns., 100 lbs. or more..lb. 1.40 - —
5 lbs. to 75 lbs.....lb. 1.50 - —
1 lb.....lb. 1.80 - —
Musk root, bls.....lb. 2.45 - 2.50
Mustard seed, California, brown, lb. .17 - .17½
yellow, bgs.....lb. .09 - .10
Chinese, yellow, bgs.....lb. .07 - .07½
Danish, yellow.....lb. .27 - .28
Montana, yellow, bgs.....lb. .07 - .07½
Roumanian, yellow.....lb. .13½- .14
Washington, yellow, bgs.....lb. .07 - .07½
Myrobalans, J1, bgs., f.a.s...ton. No prices
J2, bgs., f.a.s.....ton. No prices
Extract, liquid, 25%, bbls....lb. No prices
solid, 50%, bbls.....lb. No prices
powdered, bbls.....lb. No prices

N

Naphtha, Painters (see Petroleum, naphtha, V. M. & P.).
Solvent (see S).
Naphthalene,[6] crude, dom., 74 deg., tanks, works..100 lbs. 2.50 - 2.75
78 deg., tanks, works..100 lbs. 2.75 - 3.00
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.....lb. .08 - —
50-lb. cs., same basis.....lb. .08½- —
pkgs. (16-oz.), same basis..lb. .08½- —
(12 oz.), same basis....pkg. .07 - —
Nerolin, cryst., cns.....lb. 1.70 - 2.00
Niacin (see Acid, nicotinic)
Nickel carbonate, bbls.....lb. .36 - .36½
Chloride, bbls.....lb. .18 - .20
Cyanide, 100 lbs., dms.....lb. 1.40 - —
25-lb. bot.....lb. 1.50 - —
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13½
Nicotine,[2] sulphate, 40%, dms., works, frt. alld..lb. .703 - —
10-lb. tins.....lb. .86½- —
Niger seed, bgs.....lb. .19½- .20
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l. lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ½- and 40 sec. vis., bbls., wks. lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester, soluble, 30-35, ¼, ½ sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., ¼, ½ sec., bbls., dry weight, works..lb. .26 - —
5-6, 15-20, 30-40, and 60-80 sec., bbls., c.l., dry weight, works..lb. .20 - —
l.c.l., 5-6, 15-20 sec., high vis., bbls., works..lb. .25 - —
Lacquer, 20-20 and 60-80 sec., vis., bbls., works..lb. .29 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are retunable.
Nitroethane, l.c.l., dms., works.lb. .25 - —
Nitrogen solution, nitrogen basis, tanks, f.o.b. Atlantic and Gulf ports..unit-ton.1.2138- —
Nitrogenous fertilizer material, dom., 10% ammon., bulk, f.o.b. Carrollville, Wis., dlvd..unit-ton. 3.35 - —
Chemical, Ill.....unit-ton. 3.35 - —
f.o.b. E. coast prod., points..unit-ton. 3.30 - —
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. No prices
Nitromethane, l.c.l., dms., wks.lb. .25 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nitropropane I, l.c.l., dms., works. lb. .25 - —
II, same basis.....lb. .25 - —
Nutgalls, Aleppo, bgs., oz.....lb. No price
Chinese, whole.....lb. .43 Nom.
Extract (see Gall extract).
Nutmegs, F.I., 80s, bgs, cs...lb. .65 - .66
110s, bgs., cs.....lb. .55 - .56
small grinding, bgs.....lb. .53 - .55
West Indian, bgs.....lb. .48 - .49
Nux vomica, bls.....lb. .08 - .09
powd., bbls., bxs.....lb. .12 - .13

O

Oakbark extract, 25% tan., bbls., c.l., works..lb. .03½ Nom
l.c.l., bbls., works.....lb. .03¾ Nom
tanks .....lb. .02 Nom
Ocher (see Yellow).
Octane,[1] 100-140° C., industrial grade, dms., c.l., G. 3. gal. .13½- —
l.c.l., G.3.....gal. .29 - —
10 gals., G.3.....gal. .55 - —
tanks, G.3.....gal. .13 - —
Octanol, normal, tech., 360-lb. dms., dlvd..lb. .85 - —
Oil, almond, bitter, artif. (see Benzaldehyde)
natural, U.S.P.. bots.....lb. 3.50 - 3.75
sweet, true, exp., dms., cns. lb. 2.65 - 2.75
Amber, crude, cns.....lb. No stocks
ref'd, cns.....lb. .52 - —
Angelica, root, bots.....lb. 115.00-120.00
seed, bots.....lb. 120.00-125.00
Anilin (see A).
Anise, USP, cns., dms.....lb. 3.50 - 3.75
Apricot, kernels, cns.....lb. .45 - .48
Avocado, cns., dms.....lb. 1.00 - 1.25
Bay, W. I., 50-55% phenols, cns..lb. 1.55 - 1.60
Porto Rican, 55-60% phenols, cns..lb. 1.65 - 1.70
Bergamot, artif., cns.....lb. 2.25 - 6.50
natural, coppers.....lb.32.00 -35.00
Brazilian, cns.....lb.10.00 -10.25
Birch (see Oil, sweet, birch)
Birchtar, crude, cns.....lb. No prices
rect'fd., cns.....lb. No prices
Bois de Rose, Brazil, cns....lb. 5.00 - 5.25
Mexican (see Linaloe, wood).
Bone, dms., works.....gal. .65 - .75
Cade, USP IX (see Oil Juniper tar).
Cajeput, tech., dms.....lb. 2.50 - 2.60
USP IX, cns.....lb. 2.60 - 2.70
USP X, cns.....lb. 3.00 - 3.10
Calamus, cns.....lb. No stocks
Camphor, sassafrassy, cns...lb. .45 - .46
dms. .....lb. No prices
white, cns.....lb. No prices
dms. .....lb. No prices
Cananga, native, cns.....lb.18.00 -19.00
rectified, cns.....lb.19.00 -20.00
Capsicum (oleoresin), USP VIII, cns..lb. 3.85 - 5.50
Caraway, USP, cns.....lb.15.00 -16.00
Cardamom, bots.....lb.25.00 -35.00
Cassia, USP, cns.....lb.11.00 -11.50
Castor,[1,6] blown, one-way dms. c.l..lb. 15¼- —
l.c.l. .....lb. .16 - —
cold pressed, USP, bbls., c.l. lb. .14 - —
l.c.l. .....lb. .14½- —
cns. (1-gal.), l.c.l.....lb. .17¾- —
cns. (5-gal.), l.c.l.....lb. .15¾- —
dms. (returnable), c.l...lb. .13¾- —
l.c.l. .....lb. .14½- —
tanks .....lb. .13 - —
dehydrated, dms.....lb. .1840- —
l.c.l. .....lb. .1880- —
tanks .....lb. .1750- —
extracted, No. 3, tech., bbls c.l..lb. .18¾- —
l.c.l. .....lb. .14¼- —
dms. (returnable), c.l.....lb. .13½- —
l.c.l. .....lb. .14¼- —
tanks .....lb. .12¾- —
sulphonated, 50% (43% fat), dms., c.l..lb. .10 - —
l.c.l. .....lb. .11 - —
75% (63% fat), dms., c.l..lb. .12¼- —
l.c.l. .....lb. .13¼- —
80% (68% fat), dms., c.l..lb. .12½- —
l.c.l. .....lb. .13½- —
Cedarleaf, U.S.P., cns.....lb. 1.65 - —
technical, cns.....lb. 1.10 - —
Cedarwood, Southern, dms...lb. .95 - 1.00
Celery, bots.....lb.30.00 -35.00
Chaulmoogra, USP, cns.....lb. .68 - —
Chinawood,[6] dms.....lb. .40¼ Nom.
tanks .....lb. .3885 Nom.
Cinnamon, bark, bots.....lb.11.00 -32.00
leaf, dms.....lb. 2.00 Nom.

Monoethanolamine—Oil, Lig.

Oil, citronella, Ceylon, cns....lb. 1.75 - 1.85
dms. .....lb. 1.70 - 1.80
Java, cns., dms.....lb. 2.50 - 2.75
Clove, makers, USP, cns....lb. 1.60 - 1.70
dms. .....lb. 1.50 - 1.60
Coconut,[5] Manila, crude, tanks. lb. No prices
edible, 76°, ret. dms., l.c...lb. No prices
Cod,[5] Newf., dms.....gal. .85 - —
Codliver,[5] med., USP.....bbl.72.00 -85.00
Coriander, bots.....lb.30.00 -35.00
Corn,[6] crude, tanks, works..lb. .12¾ Nom.
refd., bbls.....lb. .15½ Nom.
Cottonseed,[5] cooking, bbls..lb. .16¾- —
salad, bbls.....lb. .17 - —
Creosote (see C).
Croton, N.F., cns.....lb. 3.00 - 3.25
Cubeb, USP, cns.....lb. 7.50 - 7.75
Crude (see Petroleum, crude).
Cumin, bots.....lb.10.00 -12.00
Cypress, bots.....lb.12.00 - —
Degras (see D).
Dilliseed, bots.....lb. 8.00 - 8.25
weed, bots.....lb. 8.00 - 8.25
Dip (D).
Erigeron, cns.....lb. 2.45 - 2.50
Eucalyptus, cns.....lb. .83 - .88
dms. .....lb. .80 - .85
Fennel, sweet, cns.....lb. 3.25 - 3.50
Gaultheria (see Oil, wintergreen leaf)
Geranium, Algerian, rose, cns. lb.25.00 Nom.
Bourbon, cns.....lb.25.00 Nom.
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 1.65 - 2.65
Grapeseed, dom., dms.....lb. .35 - .36
imported, dms.....lb. .20 - .25
Ginger, dist., bots.....lb.20.00 -21.00
Guaiac wood, concrete, bots.lb. 4.50 - 4.75
Halibut[5] liver, ref., dms...gal.73.00 Nom.
Hemlock, cns.....lb. 1.20 - 1.25
Juniper berry, cns.....lb.12.00 -13.00
wood, tech., cns.....lb. 1.50 - 1.55
Juniper tar, USP XI, dms....lb. .80 - .95
Lard,[5] common, 1, bbls.....lb. .14⅜- —
2, bbls.....lb. .14¼- —
extra, bbls.....lb. .15¼- —
1, bbls.....lb. .14⅜- —
winter, strained, bbls.....lb. .15½- —
prime, burning, bbls.....lb. .16 - —
prime, lned., bbls.....lb. .15⅜- —
Laurel, bots.....lb. 5.00 Nom.
Lavandin, cns., 25 lbs.....lb. No stocks
Lavender, flower, French, cns. lb. No prices
garden, cns.....lb. .55 - .70
spike, Spanish, tech., cns..lb. 4.25 - 4.35
dms. .....lb. 4.15 - 4.25
Lemon, Calif., cns.....lb. 3.25 - —
Messina, coppers, cns.....lb. 5.50 Nom.
Terpeneless, Type 1.....lb.11.75 -13.00
Type 2.....lb. 9.50 -13.00
Uruguay, 10 kilo cans.....lb. 5.50 - 5.75
Lemongrass, native, cns., dms. lb. 3.75 - 4.00
Lime, dist., cns.....lb.13.00 -14.00
expressed, cns.....lb.16.00 -17.00
Lignaloe, wood, Mexican, cns. lb. 3.50 - 3.75
Brazilian (see Bois de rose)

SPOT DELIVERIES

White Heavy Calcined Magnesia

(Manganese Free)

FOR VICTORY BUY UNITED STATES DEFENSE BONDS AND STAMPS

OTHER SPECIAL PRODUCTS

Distributors for THE RUFERT CHEMICAL COMPANY

NICKEL FORMATE • Also NICKEL CATALYST • NICKEL CARBONATE • NICKEL OXIDE, ETC.

GOLWYNNE CHEMICALS CORPORATION

420 LEXINGTON AVENUE • NEW YORK • PHONE LE 2-9740

Oil, Linseed—Oil, Ylang

Oil, linseed, raw, dms., c.l.	lb.	.1390- .1410
l.c.l., 10 to 69	lb.	.1410- .1430
5 to 9	lb.	.1450- —
less than 5	lb.	.1470- —
tanks	lb.	.1300- —
boiled linseed oil .004 cent over raw.		
Lovage, extra fine, bots.	lb.	85.00 - —
Lubricating,[1] at refinery, ex tax.		
California, neutrals, pale, 209-660 vis., 2¼-4, tanks.	gal.	.07¼- .11
red, 290-900 vis., 4-6½ plus, tanks.	gal.	.07¼- .11½
Group 3, brigrt stock, 150-160 vis., 0-25 pour, tanks.	gal.	.22½- .23
neutral, 150-300 vis., 3, 0-10 pour, tanks.	gal.	.14½- .18
200-280 vis., 3, 15-25 pour, tanks.	gal.	.15 - .17½
Pennsylvania,[2] bright stocks, 8 color, 140-150 vis., 10-25 pour, tanks.	gal.	.25 - .30½
cylinder oils, 600-630 flash, tanks.	gal.	.16 - .17
600-650 steam ref'd, tanks.	gal.	.15 - .15½
neutral, 70° F., 3 color, 150 vis., 0-25 pour, tanks.	gal.	.31 - .38½
200 vis., 0-25 pour, tanks.	gal.	.33 - .40½
Mace, dist., cns., dms.	lb.	4.50 - 4.75
Mandarin, Brazilian, cns.	lb.	9.00 -10.00
Italian, coppers	lb.	15.00 Nom.
Oil, menhaden,[3] crude, tanks, Balto.	gal.	.6060 Nom.
ref'd, alkali, ret. dms.	lb.	.1240-.1280
kettle-boiled, ret. dms.	lb.	.1340-.1380
light-pressed, ret. dms.	lb.	.1140-.1180
tanks	lb.	.1060-.1080
Mineral, white (see Oil, white mineral).		
Mustard, artif., USP, bots., cns.	lb.	1.50 - 1.60
dist., natural, bots.	lb.	9.50 -10.00
Neatsfoot,[4] 20° c.t., bbls.	lb.	.25¾- —
extra, bbls.	lb.	.14½- —
1, bbls.	lb.	.14 - —
prime, bbls.	lb.	.14¾- —
pure, bbls.	lb.	.17¾- —
Neroli, bots.	lb.	300.00 Nom.
Nutmeg, dist., cns., dms.	lb.	4.50 - 4.75
Oiticica,[5] liquid, dms.	lb.	.25¼ Nom.
tanks	lb.	.25 Nom.
solid, dms.	lb.	.24¼ Nom.
Oleo, 1[3] bbls.	lb.	.13¼- —
2, bbls.	lb.	.13 - —
Olibanum, bots.	lb.	5.00 - 5.25
Olive,[5] denat., dms.	gal.	4.40 - 4.50
edible, Calif., dms.	gal.	5.00 - 5.30
imported, dms.	gal.	5.50 - 5.85
foots, dms.	lb.	.19½- .20
sulphonated, 50% (40% fat), dms., c.l.	lb.	No prices
l.c.l.	lb.	No prices
75% (63% fat), dms., c.l.	lb.	No prices
l.c.l.	lb.	No prices
80% (68% fat), dms., c.l.	lb.	No prices
l.c.l.	lb.	No prices
Oil, orange, sweet, dist., cs.	lb.	1.70 - —
expressed, Calif., cns.	lb.	3.25 - —
Argentine, 10-kilo cns.	lb.	3.00 - 3.25
Brazilian, cns.	lb.	2.45 - 2.50
Florida, cns.	lb.	2.85 - 2.90
Messina, USP, coppers	lb.	8.00 Nom.
West Indies, cns.	lb.	6.00 - 6.25
terpeneless	lb.	35.00 -175.00
Origanum, cs.	lb.	2.85 - 2.90
Palm[5], Niger, dms.	lb.	.09¼ Nom.
Sumatra, tanks.	lb.	No prices
distant, ship't, bulk	lb.	No prices
Palmarosa, cns.	lb.	5.25 - 5.50
Paraffin,[1] 320° flash, 60-70 vis., tanks, G. 3.	gal.	.05¼- —
350° flash, 70-80 vis., tanks, G. 3.	gal.	.05½- —
80-85 vis., bbls., extra, Ind. refy.	gal.	.12 - —
100-105 vis., bbls., extra, Ind., refy.	gal.	.14 - —
300[1] flash, 100-110 vis., tanks, G. 3.	gal.	.05¾- —
Patchouli, cns.	lb.	9.00 -10.00
Peanut,[5] crude, tanks, mill.	lb.	.13 Nom.
refd., edible, bbls.	lb.	.17 Nom.
Pennyroyal, dom., cns.	lb.	No stocks
import, cns.	lb.	2.75 - 3.00
Peppermint, natural, cns., dms.,	lb.	5.40 - 5.65
redist., USP, cns, dms.	lb.	5.90 - 6.15
Perilla,[5] dms.	lb.	.2460- —
tanks	lb.	.2380- —
Petitgrain, Paraguay, cns.	lb.	1.85 - 1.90
dms.	lb.	1.80 - 1.85
Pimento berry, cns.	lb.	6.75 - 7.50
leaf, cns.	lb.	4.00 - 4.25
Oil, pine, dest., dist., straw-color, dms., divd., E. ports	gal.	.74 - —
steam-dist., dms.	gal.	1.20 Nom.
Pineneedle, Siberian, cns.	lb.	2.75 - 3.00
Putty,[2] bbls., E. Segundo, Richmond, Cal.	gal.	.22½- —
contracts	gal.	.19½- —
Whiting, Ind.	gal.	.28 - —
dms., c.l., Boston, Providence,	gal.	.25 - —
l.c.l., same basis	gal.	.27 - —
tanks, same basis	gal.	.18 - —
Martinez, Cal.	gal.	.28 - —
Rapeseed,[5] tax incl., dms.	lb.	.15½ Nom.
tax not incl., tanks.	lb.	.10 Nom.
blown, dms.	lb.	.18 - .18½
Red,[5] dms., divd.	lb.	.1330-.1430
tanks, divd.	lb.	.1245- —
Rose, synth., bots.	lb.	4.00 -60.00
natural, coppers	oz.	25.00 -30.00
Rosemary, Spanish, cns.	lb.	2.25 - 2.30
dms	lb.	2.10 - 2.15
Rosin, 1st rectified, dms.	gal.	.51 - —
2d rectified, dms.	gal.	.53 - —
3d rectified, dms.	gal.	.57 - —
Rue, bots.	lb.	7.25 - —
Sage, cns.	lb.	No stocks
Sandalwood, domestic, distilled, UP, cns.	lb.	5.85 - 6.00
Mysore, cns., case lots	lb.	6.00 - 6.25
Sardine, crude, fut., tanks, Pac. Cst.	gal.	.66½ Nom.
ref'd, alkali, ret. dms.	lb.	.1240-.1280
kettle-boiled, ret. dms.	lb.	.1340-.1380
light-pressed, ret. dms.	lb.	.1140-.1180
tanks	lb.	.1060-.1080
Sassafras, artif., cns.	lb.	No prices
natural, dom., cns., dms.	lb.	1.75 - 1.80
Savin, cns.	lb.	22.00 Nom.
Savory, cns.	lb.	No stocks
Shark[5] liver, crude, dms., million vitamin units.		No prices
Shingle stains, bbls., c.l., works.	gal.	.19 - —
l.c.l., works	gal.	.20 - —
tanks, works	gal.	.14 - —
Snakeroot, Canada, cns.	lb.	8.50 -10.00
Soybean, dom., crude, dms.	lb.	.13 Nom.
tanks	lb.	.12½ Nom.
refd., dms.	lb.	.14¼ Nom.
tanks	lb.	.13½ Nom.
Spearmint, dms.	lb.	3.10 - 3.25
Sperm,[3] bleach, 38°, dms.	lb.	.1301- —
45°, dms.	lb.	.1278- —
natural, dms.	lb.	.1223- —
Spruce, cns., dms.	lb.	1.50 - 1.65
Sweet, birch, North, cns.	lb.	3.00 - 4.00
South, cns.	lb.	2.25 - 2.50
Tall, crude, dms., c.l., works.	ton.	55.00 - —
l.c.l., works	ton.	60.00 -65.00
tanks, works	ton.	40.00 - —
refined, dms., c.l., works	lb.	.05 - —
l.c.l., works	lb.	.05½- —
tanks, works	lb.	.04½- —
Tallow,[5] acidless, bbls.	lb.	.13½- —
tanks	lb.	.13 - —
Tansy, cns.	lb.	4.00 - 4.10
Tar, pine, com'l, dms., c.l., divd. E. cities	gal.	.33 - —
E. ports, c.l.	gal.	.33 - —
l.c.l., E. cities	gal.	.36 - —
tanks, divd. E. cities	gal.	.24½- —
rectified, USP, bbls., l.c.l., divd. E. cities	gal.	.60 - —
Tar acid (see T).		
Teaseed,[5] crude, dms.	lb.	No prices
refined, dms.	lb.	No prices
Tea tree (see Oil, Ti tree).		
Thyme, NF, red, cns.	lb.	2.10 - 2.25
white, cns.	lb.	2.50 - 2.75
Tung (see Oil, Chinawood).		
Ti Tree, cns.	lb.	2.50 - 2.65
Turkey, red (see castor, sulphonated).		
Turpentine (see T).		
Turtle, cns.	gal.	8.50 - —
Vetiver, Java, bots.	lb.	50.00 -55.00
Whale, ref., natural, dms.	lb.	.1070- —
winter, bleach, dms.	lb.	.1110- —
Wheat germ, dms., cont., divd., 100 gal.	gal.	10.00 - —
dms., 50 gal.	gal.	11.50 - —
dms., 25 gal.	gal.	12.50 - —
dms., 10 gal.	gal.	13.50 - —
dms., 5 gal.	gal.	14.00 - —
cns., 1 gal.	gal.	15.00 - —
White, mineral, dom., f.o.b. N. Y., tech., 50/60 vis., returnable dms., c.l.	gal.	.39 - .41
l.c.l.	gal.	.48 - .49
65/75 vis., c.l.	gal.	.40 - .42
l.c.l.	gal.	.49 - .50
75/85 vis., c.l.	gal.	.41 - —
l.c.l.	gal.	.50 - —
80/90 vis., c.l.	gal.	.43 - —
l.c.l.	gal.	.52 - —
95/105 vis., c.l.	gal.	.43 - —
l.c.l.	gal.	.52 - —
USP, 80/90 vis., c.l.	gal.	.45 - —
l.c.l.	gal.	.54 - —
85/95 vis., c.l.	gal.	.43 - —
l.c.l.	gal.	.52 - .54
95/105 vis., c.l.	gal.	.48½- .50½
l.c.l.	gal.	.57¼- .59¾
125/135 vis., c.l.	gal.	.54 - .56
l.c.l.	gal.	.63 - —
140/150 vis., c.l.	gal.	.58 - —
l.c.l.	gal.	.69 - —
145/155 vis., c.l.	gal.	.56 - —
l.c.l.	gal.	.65 - —
175/185 vis., c.l.	gal.	.61½- —
l.c.l.	gal.	.70½- —
180/190 vis., c.l.	gal.	.59½- —
l.c.l.	gal.	.68½- —
200/210 vis., c.l.	gal.	.64½- —
l.c.l.	gal.	.73½- —
205/215 vis., c.l.	gal.	.64 - —
l.c.l.	gal.	.73 - —
310/320 vis., c.l.	gal.	.72 - —
l.c.l.	gal.	.81 - —
320/330 vis., c.l.	gal.	.72 - .73
l.c.l.	gal.	.81 - .82
335/345 vis., c.l.	gal.	.73 - —
l.c.l.	gal.	.82 - —
340/350 vis., c.l.	gal.	.74 - —
l.c.l.	gal.	.83 - —
f.o.b. San Francisco, USP, 55 vis., returnable bbls., c.l.	gal.	.40 - —
5 bbls.	gal.	.45 - —
85 vis., c.l.	gal.	.40 - —
5 bbls.	gal.	.45 - —
100 vis., c.l.	gal.	.49½- —
5 bbls.	gal.	.54½- —
145 vis., c.l.	gal.	.57 - —
5 bbls.	gal.	.62 - —
180 vis., c.l.	gal.	.60½- —
5 bbls.	gal.	.65½- —
340 vis., c.l.	gal.	.72 - —
5 bbls.	gal.	.77 - —
Russian	gal.	No prices
Wintergreen, natural, North, cns.	lb.	4.75 - 6.00
South, cns.	lb.	3.50 - 3.85
synth (see Methyl salicylate).		
Wood (see Oil, Chinawood).		
Wormseed, cns.	lb.	2.85 - 3.25
Wormwood, cns.	lb.	4.75 - 5.00
Ylang-ylang, Bourb., bots., cns.	lb.	20.00 -24.00
Manila, bots.	lb.	35.00 -40.00

DIVIDENDS OF SATISFACTION

OUR customers **know** that over a period of years we have been giving them **dividends of satisfaction.**

WHEN prices have sky-rocketed we have tightened our belts and kept the price to you at the lowest possible levels.

WHEN materials have been next to impossible to obtain, we have stood on our heads to get them for you. When they could not be secured "no how," we have provided adequate substitutes wherever possible.

THAT is what we call **dividends of satisfaction.**

Aromatics Division

GENERAL DRUG COMPANY

644 Pacific St., Brooklyn, N. Y.

9 S. CLINTON STREET, CHICAGO 1019 ELLIOTT STREET, W., WINDSOR, ONT.

Olivine, aggregate, c.l., mines, ton. 7.00 -11.00
Lumps, same basis....ton. 7.00 - —
Spalls, same basis....ton. 5.00 - —
crushed, 8 mesh, bulk, c.l., works..ton. 8.00 - —
paper bags, c.l., wks..ton. 9.50 - —
325 mesh, c.l., mines....ton.20.00 - —
200 mesh, c.l., mines....ton.17.00 - —
100 mesh, c.l., mines....ton.15.00 - —
20 mesh to dust.....ton.12.00 - —
Opium gum, USP, 50-lb. lots, cns..lb.13.00 - —
25-lb. lots, cns.....lb.13.25 - —
5-lb. lots, cns.....lb.13.50 - —
1-lb. lots, cns.....lb.13.65 - —
Prices on powd. and gran. USP opium are $1.50 per pound higher.
Orange, Lake, Persian, bbls...lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.....lb. .12¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore., Wash., lb. .12¾- —
Colo., Mont., N. M., Wyo..lb. .12½- —
other points.....lb. .12 - —
smaller lots, dlvd., Ala., etc..lb. .12¾- —
Ariz., etc.....lb. .13¼- —
Colo., Mont., N. M., Wyo..lb. .13 - —
Other points.....lb. .12½- —
French, Tours, casks, ex dock, lb. No prices
kgs., ex dock.....lb. No prices
Molybdate, bbls.....lb. .31 - —
Toner, bbls.....lb. .86 - 1.05
Orangeflower petals, cs.....lb. .65 - .70
Orange peel, bitter, bbls.....lb. .30 - .31
sweet, bls.....lb. .15 - .17
Halifax, bgs.....lb. .09 - .10
Orris root, whole .....lb. 1.50 - 2.00
pawd., bbls., bxs.....lb. 1.95 - 2.10
Verona, bls.....lb. No prices
powd., bgs., cns.....lb. No prices
Orthoamylphenol, l.c.l., dms., works..lb. .25 - —
Orthoanisidin, bbls.....lb. .70 - —
Orthochloranilin, dms.....lb. .60 - .70
Orthochlorophenol, dms.....lb. .32 - —
Orthocresol,[7] dms., c.l., wks...lb. .17 - .17½
l.c.l., same basis.....lb. .17½- .18
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .06 - .07½
l.c.l., same basis.....lb. .07 - .08¼
100-lb. tins, same basis.lb. .08 - .09
50-lb. tins, same basis..lb. .09 - .10
tanks, same basis.....lb. .05½- .06½
Orthodichlorobenezene prices west of Rockies, 1c. per lb. higher.
Orthonitroanilin, dms.....lb. .45 - —
Orthonitrochlorobenzene, dms..lb. .15 - .16
Orthonitroparachlorophenol,cns.lb. .75 - —
Orthonitrotoluene, dms.....lb. .09 - —
Orthophenetidin, dms.....lb. .82 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange, crystals, bgs....lb. .23 - —
extract, bbls., No. 1.....lb. .11 - —
No. 2..lb. .10 - —
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.75 -4.15

P

Papain, powd., cs.....lb. 4.50 - 4.75
Paprika, Algerian, bgs.....lb. .35 Nom.
Portuguese, extra fancy, bgs.lb. .50 - .52
good, bgs.....lb. .48 - .49
Spanish, extra fancy, cs.....lb. .55 - .56
medium, cs.....lb. .52 - .54
Parachlorophenol, dms.....lb. .32 - —
Paracymene, refd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms, c.l.lb. .11 - .13
l.c.l.....lb. .12½- .15
Paraffin,[1] crude scale and semi-refined, 122-124 A.M.P., slack bbls. or 100-kilo bgs., 10,000 lbs., f.o.b. refinery..lb. .04¼- —
124-126 A.M.P., same basis.lb. .04¼- —
126-128 A.M.P., same basis.lb. .04½- —
128-130 A.M.P., same basis.lb. .04¾- —
130-132 A.M.P., same basis.lb. .05 - —
132-134 A.M.P., same basis.lb. .05¼- —
134-136 A.M.P., same basis.lb. .05½- —
fully refined, 120-122 A.M.P., bbls., slabs, loose, same basis..lb. .05 - —
123-125 A.M.P., slabs, loose, same basis..lb. .0520- —
125-127 A.M.P., slabs, loose, same basis..lb. .0520- —
128-130 A.M.P., slabs, loose, same basis..lb. .0560- —
130-132 A.M.P., slabs, loose, same basis..lb. .0585- —
131-133 A.M.P., slabs, loose, same basis..lb. .0585- —
133-135 A.M.P., slabs, loose, same basis..lb. .0615- —
135-137 A.M.P., slabs, loose, same basis..lb. .0640- —
138-140 A.M.P., slabs, loose, same basis..lb. .0715- —
141-143 A.M.P., slabs, loose, same basis..lb. .0765- —
143-145 A.M.P., slabs, loose, same basis..lb. .0810- —
145-150, slabs, cartons, same basis..lb. .0860- —
146-148 A.M.P., slabs, loose, same basis..lb. .0930- —
149-151 A.M.P., slabs, loose, same basis..lb. .10½- —
Paraffin wax, crude and semi-refined, packed in 50-kilo bgs., is 10 points per lb. higrer; prices on slabbed material are 20 points per lb. higher than on solid. Tankcar prices are 30 points less than barrel prices. Fully refined wax in bags is 40 points higher than slabs loose; fully refined wax in tankcars is 5 points lower than slabs loose prices.
Paraformaldehyde,[3,5] dms., 1,000 lbs. or more, shipments, f.o.b. Perth Amboy, Philadelphia, or N.Y.C..lb. .23 - —
100 to 900 lbs., shipments, same basis..lb. .24 - —
Paraldehyde, tech., 98%, 55 and 110-gal. dms., l.c.l., works.lb. .12 - —
5 and 10-gal. dms., works..lb. .15 - —
USP, cns., cbys.....lb. .37 - .45
Paranitrophenol, kgs.....lb. .35 - —
Paranisidine, dms.....lb. .75 - —
Paranitroanilin, kgs., works...lb. .45 - —
Paranitrochlorobenzene, kgs...lb. .15 - —
Paranitrotoluene, kgs.....lb. .30 - —
Paraphenylenediamine, bbls....lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls.....lb. .48 - —
Pareira brava root, bls.....lb. .21 - .22
Paris green, dealer, dms., kegs, c.l., f.o.b. wks., frt. alld..lb. .24 - .26
l.c.l., same basis.....lb. .25 - .27
Passion flower, herb, bls.....lb. .07 - .08
Patchouli leaves, bls.....lb. .30 - .31
Pectin, 200-lb. bbls.....lb. .80 - —
Pettitory root, bls.....lb. .65 - .70
Pennyroyal leaves, bls.....lb. .15 - .16
Pentachlorophenol, dms., works..lb. .20 - .25
Pentaerythritol, C.P., bbls., dlvd. lb. .75 - —
less than barrel lots.....lb. 1.00 - —
tech., bbls., dlvd.....lb. .32½- .35½
less than barrel lots.....lb. .40 - —
Tetra acetate, bbls., dlvd....lb. 1.00 - —
less than barrel lot.....lb. 1.50 - —
Pentanes,[2] 28°-38° C., industrial grade, dms., c.l., G.3. gal. .11 - —
l.c.l., G.3.....gal. .19 - —
tanks, G.3.....gal. .08½- —
laboratory grade, dms., c.l., G.3..gal. .16 - —
l.c.l., G.3.....gal. .29 - —
10 gal., G.3.....gal. .55 - —
Pepper, black,[1] 15 tons, bgs...lb. .06½- .06⅝
50 to 100 bgs.....lb. .0683-.0700
White,[1] 15 tons, bgs.....lb. .11½- .11⅝
50 to 100 bgs.....lb. .1207-.1220
Red, chillies, Japan, Hontaka.lb. .45 - .46
Mombassa, bgs.....lb. .34 - .35
Sierre Leone, bgs.....lb. .23½- .24
Peppermint leaves, dom., bls..lb. .70 - .75
import, bls.....lb. 1.00 - 1.10
Perchlorethylene,[3] dms., c.l., works, frt. alld., zone 1. lb. .08 - —
l.c.l., same basis.....lb. .08½- —
Zone 2, dms., c.l., works, frt. alld..lb. .08½- —
l.c.l., same basis.....lb. .09 - —
Zone 3, dms., c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Perchlorethylene, Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb. .09½- —

All prices on perchloroethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City.; N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Peru, balsam, dms.....lb. 1.45 - 1.50
Perchloroethylene, Zone 4, dms., c.l., f.o.b. stock points...lb. .09 - —
Petrolatum, tech., green, dark, c.l..lb. .03¼- —
l.c.l.....lb. .04⅛- —
red, veterinary c.l.....lb. .03⅝- .03½
l.c.l.....lb. .04⅛- .04⅜
USP, amber, c.l.....lb. .03½- .03⅝
l.c.l.....lb. .04½- .04⅝
amber, extra, c.l.....lb. .03⅝- .03⅞
l.c.l.....lb. .04⅜- .04⅞
blonde, c.l.....lb. .04⅛- .04⅜
l.c.l.....lb. .05⅞- .05⅜
white, cream, c.l.....lb. .05 - .05⅛
l.c.l.....lb. .06⅛- .06½
lily, c.l.....lb. .05⅜- .05⅝
l.c.l.....lb. .07⅛- .07¼

Olivine—Petroleum

Petrolatum, USP, snow, c.l...lb. .06½- .06⅝
l.c.l.....lb. .08 - .08¼
soft, c.l.....lb. .05⅜- .05⅞
l.c.l.....lb. .06¾- .07⅛
super, c.l.....lb. .09⅛- —
l.c.l.....lb. .11⅛- —
yellow, soft, c.l.....lb. .03½- .03⅝
l.c.l.....lb. .04½- .04⅝
Petrolatum prices are f.o.b. N.Y. for material packed in returnable drums.
Petroleum, crude,[1] bulk, at wells—
Arkansas, Smackover, heavy .....bbl. .83 - —
California, gravity 18-18.9 and below.....bbl. .80 - —
30-30.9 and above....bbl. 1.23 - —
Illinois basin.....bbl. 1.37 - —
Louisiana, Tepetate....bbl. 1.18 - —
Oklahoma-Kansas, gravity 20-20.9 and below..bbl. .85 - —
40 and above.....bbl. 1.25 - —
Pennsylvania, Bradford-Allegany .....bbl. 3.00 - —
Buckeye lines.....bbl. 2.55 - —
Corning .....bbl. 1.31 - —
N.Y. Transit lines...bbl. 3.00 - —
Eureka lines.....bbl. 2.59 - —
S.W. Penn Lines...bbl. 2.65 - —
Lower district in National Transit lines.....bbl. 2.83 - 2.93
Texas, Conroe.....bbl. 1.43 - —
East .....bbl. 1.23 - —
Gulf Coast, gravity 19-19.9 and below.....bbl. 1.06 - —
40 and above.....bbl. 1.48 - —

Exchange

OIL OF LEMON

U.S.P.

Forecast...

SUPPLY — Adequate for all normal uses

QUALITY — Unexcelled

PRICES — Fair at all times

Exchange Oil of Lemon is made by the world's largest group of Lemon Growers

NOW OUTSELLS

ALL OTHER BRANDS COMBINED

4 TO 1

Copr.,1942, California Fruit Growers Exchange, Products Dept.

Sold to the American Market exclusively by

DODGE & OLCOTT COMPANY
180 Varick Street, New York, N. Y.

FRITZSCHE BROTHERS, INC.
76 Ninth Avenue, New York, N. Y.

Distributors for: CALIFORNIA FRUIT GROWERS EXCHANGE, PRODUCTS DEPARTMENT, Ontario, California

Producing Plant: Exchange Lemon Products Co., Corona, California

Petroleum—Red Saunders

Petroleum, crude, bulk, at wells, Texas, Pecos County..bbl. .95 - —
West (and Lea County, N.M.), gravity 19-19.9 and below.....bbl. .70 - —
40 and above.....bbl. 1.12 - —
Wyoming, Lance Creek bbl. 1.12 - —

Ether,[1] laboratory grade, 30-60°C., c.l.....gal. .18 - —
l.c.l. .....gal. .29 - —
10 gals.....gal. .55 - —
35-60°C., l.c.l.....gal. .29 - —
10 gals.....gal. .55 - —
40-75°C., c.l.....gal. .16 - —
l.c.l. .....gal. .29 - —
10 gals.....gal. .55 - —

Petroleum ether prices are spot quotations f.o.b. Group 3, for material packed in drums. Lacquer diluent, at refinery—

California, 100 l.b.h., 200 e.p., tankes, dlvd., Los Angeles gal. .11 - —
Fort Welles, Wash....gal. .12 - —
San Francisco.....gal. .11½- —
Willbridge, Ore.....gal. .12 - —
East Coast, N. Y., tanks.gal. .11 - —
N. J., tanks.....gal. .11 - —
Group 3, benzol type, tanks. gal. .07⅞- .08⅝
toluol type, tanks.....gal. .07⅞- .08⅛

Mineral spirits, at refinery, California (f.o.b. San Francisco), 166-252 b.r., tanks. gal. .10½- —
198-290 b.r., tanks...gal. .10¾- —
246-397 b.r., tanks...gal. .10½- —
312-408 b.r., tanks...gal. .09 - —
362-458 b.r., tanks...gal. .09 - —
East Coast, N. Y., tanks. gal. .09½- —
N. J., tanks.....gal. .09½- —
Group 3, tanks.....gal. .06½- —
Gulf Coast, tanks.....gal. .06½- —
Tankwagon, Albany.....gal. .13½- —
Baltimore, 25-100 gals...gal. .13 - —
100 gals. or more.....gal. .12 - —
Boston .....gal. .11½- —
Bound Brook, N. J.....gal. .10½- —
Bridgeport, Conn.....gal. .1580- —
Buffalo .....gal. .1190- —
Camden, N. J.....gal. .10½- —
Chicago .....gal. .13½- —
Detroit .....gal. .1580- —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
Newark (200 gal.).....gal. .10½- —
New York (200 gal.)....gal. .10½- —
Pittsburgh .....gal. .12½- —
Providence .....gal. .12½- —
Rochester .....gal. .1270- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .1350- —
Wilmington, Del.....gal. .12½- —

Naphtha, cleaners, at refinery:—
California (f.o.b. San Francisco), tanks..gal. .12 - —
East Coast, N. Y., tanks. gal. .10½- —
N. J., tanks.....gal. .10½- —
Group 3, tanks.....gal. .07½- —
Gulf Coast (f.o.b. New Orleans), tanks..gal. .06¾- —
tankwagon, Boston.....gal. .11½- —
Bridgeport .....gal. .1580- —
Chicago .....gal. .13½- —
Detroit .....gal. .1580- —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
Newark .....gal. .10½- —
New York.....gal. .10½- —
Philadelphia .....gal. .10½- —
Pittsburgh .....gal. .1370- —
Syracuse .....gal. .1350- —

high-solvency, aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway..gal. .21½- —
2, over 90% arom., same basis..gal. .21½- —
3, same basis.....gal. .22½- —
8, tanks, f.o.b. Wilmington, Cal..gal. .14 - —
30, same basis.....gal. .13½- —
40, same basis.....gal. .13½- —

V.M.&P., at refinery:—
California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond .....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 l.b.p., 310 e.p., tanks, dlvd. Los Angeles..gal. .10 - —
San Francisco....gal. .10½- —
Portland, Seattle.gal. .11 - —
East Coast, N. Y., tanks. gal. .10½- —
N. J., tanks.....gal. .10½- —
Group 3, tanks.....gal. .07½- —
Gulf Coast (dlvd. New Orleans), tanks..gal. .06½- —
tankwagon, Boston.....gal. .12½- —
Chicago .....gal. .1380- —
Detroit .....gal. .15 - —
Milwaukee .....gal. .1540- —
Minneapolis .....gal. .1520- —
Newark .....gal. .10½- —
New York.....gal. .11½- —
Philadelphia .....gal. .12 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1470- —

Solvent, rubber, at refinery, California (f.o.b. San Francisco)..gal. .24 - —
East Coast, N. Y., tanks. gal. .10½- —
N. J., tanks.....gal. .10½- —
Group 3, tanks.....gal. .07½- —

Stoddard (CS 8-33), at refinery:—
California (f.o.b. San Francisco), tanks..gal. .11 - —
East Coast, N. Y., tanks. gal. .09½- —
N. J., tanks.....gal. .09½- —
Group 3, tanks.....gal. .06⅝- —
tankwagon, Boston.....gal. .11½- —
Chicago .....gal. .13½- —
Detroit .....gal. .1580- —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
Newark .....gal. .10½- —
New York.....gal. .10½- —
Philadelphia .....gal. .10½- —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .13½- —

Phenobarbital, 5-lb. bots.....lb. 4.35 - —
bots. or cns., 100 lbs., spot or contract..lb. 4.00 - —
25-lb. cns.....lb. 4.25 - —
Phenol,[6] USP, dms., c.l., works, frt. equald..lb. .12½- —
l.c.l., same basis.....lb. .13¼- —
under 1,000 lbs.....lb. .14¼- —
tanks, works.....lb. .11½- —
Phenolphthalein, USP, bbls.,dms., 2,000-lb. lots..lb. .85 - —
bbls., dms., kgs., 100-250 lbs. lb. .87 - .89
yellow, fib. dms., 2,000-lb. lots. lb. .80 - —
100-lb. fib. dms.....lb. .82 - —
25-lb. dms.....lb. .87 - —
50-lb. kgs.....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde, bots.....lb. 5.00 - 6.00
dimethylacetate, cns.....lb. 14.50 -15.00
Phenyl ethyl acetate, cns.....lb. 5.00 - 5.25
Phenylethylphenyl acetate, bots.. lb. 8.00 -15.00
Phenylhydrazine, base, CP, bots. lb. 4.55 - —
hydrochloride, CP, bots., works. lb. 7.10 - —
commercial, kgs., works...lb. 1.75 - —
Phloroglucinol, CP, tins, wks..lb. 20.00 -22.00
tech., tins, works.....lb. 15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77%-76%.....long ton. 5.00 - —
land pebble, 68%-66%.long ton. 2.20 - —
70%-68% .....long ton. 2.70 - —
72%-70% .....long ton. 3.20 - —
75%-74% .....long ton. 4.00 - —
Tenn., 68%-66%.....long ton. 4.50 - —
70% min.....long ton. 5.00 - —
72% min.....long ton. 5.50 - —
75%-74% .....long ton. 6.50 - —

Phosphate rock prices are for shipment in bulk, f.o.b. mines.

Phosphorus, red, cs.....lb. .40 - .44
yellow, dms.....lb. .18 - .20
cases .....lb. .23 - .25
Oxychloride,[3] cyls.....lb. .15 - .18
Pentoxide, dms., c.l., works..lb. .11 - .12
l.c.l., dms., works.....lb. .13 - .14
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .16
Phthalamide, bbls., wks., ton..lb. .35 - —
single, bbls., works.....lb. .40 - —
kgs., works.....lb. .45 - .50
Phthalic anhydride,[6] bbls., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .08 - .09
Pilocarpine hydrochloride, bots., vls..oz. 4.00 - 5.25
Nitrate, bots., vls.....oz. 3.85 - 5.50
Pimento, Jamaica, bgs.....lb. .38 - .39
Mexican (see Allspice, Mexican).
Pinkroot, bls.....lb. .60 - .65
Pitch, burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l. .....ton. 22.00 - —
hardwood, 1-time dms., c.l., dlvd. Akron..ton. 23.75 -24.00
Linseed, dms.....lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Pitch, pine, bbls.....bbl. 6.75 - 7.00
Plaster of paris (see Gypsum).
Pleurisy root, Southern, bls...lb. .12 - .13
Podophyllin, dms., dlvd. E. of Miss..lb. 8.75 - 9.00
Poke root, bls.....lb. .10 - .11
Polyamyl naphthalene, l.c.l., dms., works..lb. .25 - —
Pomegranate bark, bgs.....lb. .70 - .75
Root bark, bgs.....lb. No stocks
Poppy flowers, red, bls.....lb. .70 - .85
Seed, Dutch, bgs.....lb. .65 - .67
Indian, white, bgs.....lb. .10¾- .11¼
Turkish, bgs.....lb. .53 - .54
Potash abietate.....lb. .08 - —
Acetate, USP, bbls., 250 lbs..lb. .28 - —
cns., 25 lbs.....lb. .31 - .34
Arsenite, USP, solut., 100-lb. lots, cbys., demjs..lb. .13 - .15
Bicarbonate, USP, cryst., bbls., 500 lbs..lb. .14 - —
gran., bbls., 250 lbs.....lb. .14 - —
Bichromate,[3,5] spots, c.l., works, lb. .09¾- —
6 casks or 10 bbls., or over, works..lb. .09¾- —
5 casks or 9 bbls., or less, works..lb. .10 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .27 - .31
kgs., 100 lbs.....lb. .28 - .32
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., works, frt. alld..lb. .03 - —
l.c.l., dms., same basis..lb. .03¼- —
tanks, same basis.....lb. .02¾- —
USP, gran, bbls., 325 lbs..lb. .14 - .16
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., l.c.l., works.....lb. .07¼- —
c.l., works..lb. .07 - —
liquid, 45% basis, dms.....lb. .03¼- .03¼
tanks .....lb. .02⅞- —
solid, 83-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
Chlorate,[3] cryst., kgs.....lb. .11 Nom.
powd., kgs.....lb. .09¾- .10
Chloride, tech., 98%, cryst., bgs., kgs..lb. .08 Nom.
Chromate,[3,5] bgs.....lb. .24 - .27
Citrate, USP, gran., 250-lb. bbls., lbs..lb. .33½- —
100-lb. dms.....lb. .34½- —
25-lb. dms.....lb. .35½- —
25-lb. dms.....lb. .37½- —
powd., 3c. per lb. higher.
Cyanide, dom., dms., works..lb. .55 - —
Cyanide, gold, 41% gold, bots., works..oz. 14.20 -14.95
Glycerophosphate, 75% sol., dms., 1,000-lb. lots..lb. 1.50 - 1.52
100-lb. lots.....lb. 1.60 - 1.62
50-lb. lots, cbys. or cns..lb. 1.65 - 1.67
25-lb. lots, cns.....lb. 1.75 - 1.77
Guaiacolsulphonate, fib. dms., 100-lb. lots..lb. 1.75 - —
25 lbs. to 50 lbs.....lb. 1.80 - 1.85
Hydroxide, USP, sticks, cns., 100 lbs. to 1,000 lbs..lb. .32 - .34
Hypophosphite, cns., 100 lbs.lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 8.45 - —
cns., 25 lbs.....lb. 3.35 - —
Iodide, bots. or cns.....lb. 1.44 - 1.88
dms. .....lb. 1.35 - 1.38
Kainit, 20%, K_2O, bulk, ex vessel, Atlantic or Gulf ports, ton. No prices
Manure salt, dom., run-of-mine grade, bulk or ex vessel, ports..unit-ton. .60 - —
f.o.b. Carlsbad, N. M.....unit-ton. .20 - .21
import, 30%, K_2O, bulk, ex vessel, Atlantic or Gulf ports—ton. No prices
Metabisulphite, kgs.....lb. .18 - .20
Muriate, dom., min. 50%, K_2O, bulk, ex vessel, ports... unit-ton. .56 - .58
60%, K_2O, same basis.... unit-ton. .53½- —
Potash, muriate, import, min. 50% or 60%, K_2O, bulk, ex vessel, Atlantic or Gulf ports. unit-ton. No prices

Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than the ex vessel price named above.

Oxalate, pure, cryst., kgs....lb. .40 - .42
tech., bbls., dms.....lb. .28 - .30
Nitrate, crude, bgs., c.l.f. ports, ton. No prices
Perchlorate,[3] kgs., works....lb. .09½- .11
Permanganate, tech., dms., works..lb. .19¾- .20¼
USP, dms., works.....lb. .20½- .21
Prussiate, red, bbls.....lb. No prices
Yellow, spot, bbls.....lb. .17 - .19
Ricinoleate, tech., bbls.....lb. .18 - —
Silicate alkaline, lumps, bgs. lb. .07 - —
Sulphate, NF, powd., 550 lbs., bbls..lb. .15 Nom.
100-lb. kgs.....lb. .17 - —
Prices on granular 4c. higher.
tech., dom., bulk basis, 90%, K_2SO_4, ex vessel, ports..ton. 36.25 - —
imp., min., 90%, bgs., ex vessel, Atl. or Gulf ports...ton. No prices
Xanthate, dms., c.l.....lb. .12 - —
Sulphocyanide, C.P., dms....lb. .75 - .85
N.F., dms.....lb. .55 - .65
Potash-magnesia, sulphate, dom., bulk, 40%, K_2SO_4, ex vessel, ports..ton. 26.00 - —
Potash-soda ferricyanide, dms., works..lb. .40 - .42
Potash-titanium oxalate, 350-lb. bbls..lb. .45 - —
100-lb. dms.....lb. .50 - —
Prickly ash bark, bls.....lb. .11½- .12
Berries, bgs.....lb. .30 - .31
Prince's pine herb, bls.....lb. .28 - .29
Procaine, hydrochloride, 25-lb. cns. lb. 8.00 - —
5-lb. cans.....lb. 8.25 - 8.50
1-lb. bots.....lb. 8.75 - —
Propane,[1] industrial grade, tanks, Group 3..gal. .03 - —
Psyllium seed (see Fleaseed).
Pulsatilla bs.....lb. 1.10 Nom.
Pumice, dom., grd., fine, 4F, 3F, 2F, F, O, bgs., f.o.b. Chicago, 2,000 lbs. and up. lb. .04 - —
600-1,999 lbs.....lb. .04¼- —
100-599 lbs.....lb. .04¾- —
f.o.b. New York, 2,000 lbs. and up..lb. .03¾- —
500-1,999 lbs.....lb. .03¾- —
100- 499 lbs.....lb. .04 - —
coarse, O½, ½, 1, 1½, 2, 3, bgs., f.o.b. Chicago, 2,000 lbs. and up..lb. .04¼- —
600-1,999 lbs.....lb. .04½- —
100- 599 lbs.....lb. .05 - —
Pumice, dom., coarse, f.o.b. New York, 2,000 lbs., and up..lb. .03¾- —
500-1,999 lbs.....lb. .03¾- —
100- 499 lbs.....lb. .04¼- —
imp., Italian.....lb. No prices
Pumice stone packed in barrels is ¼c. per lb. higher than the above prices.
Pumpkin seed, bgs.....lb. .12 - .18
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2 grams pyrethrins per 100 cc., dms., dlvd. gal. 5.75 - —
(30 to 1), 3 grams pyrethrins per 100 cc., dms., dlvd..gal. 8.53 - —
Pyrethrum flowers, coarse, grnd., (g.f.p.) 0.9% pyrethrins, frt. alld., bbls..lb. .27 - .28
fine powd., 0.9% pyrethrins, frt. alld., bbls..lb. .28 - .29
Pyridin, denaturing, dms...gal. 1.71 - —
refd., 2°, dms.....lb. .46 - —
Pyrites, Spanish, bulk, c.l.f. Atl. ports..unit-ton. No prices
Pyrocatechin, CP, cryst., works, fib. dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophylite, standard, 200 mesh, c.l., mines..ton. 10.00 - —
325 mesh, same basis.....ton. 13.00 - —
No. 3, 200 mesh, c.l., mines.ton. 8.00 - —
325 mesh, same basis.....ton. 11.00 - —
Pyroxylin scrap amber, cs., works..lb. .12 - —
black, cs., works.....lb. .10 - —
china, white, ivory, cs., works. lb. .13 - —
dense, white, cs., works....lb. .10 - —
gray, cs., works.....lb. .08 - —
mixed, mottles, opaques, cs., works..lb. .04 - —
translucent pastels, cs., works. lb. .10 - —
transparent, cs., works.....lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works. lb. .16 - —
colors, mixed, cs., works...lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia chips, dom., bls.....lb. .06 - .07
Quebracho extract, liquid, 35% tan, bbls., works..lb. .05¾- —
tanks, works.....lb. .05⅛- —
solid, 63% bgs., c.l., ex dock, plus duty..lb. .04⅞- —
clarified, 64% bgs., c.l., same basis..lb. .05 - —
pwd., bgs., c.l.....lb. .10½- —
l.c.l., bgs.....lb. .11 - —
Queen of the meadow leaves, bgs..lb. .12 - .13
Root, bgs.....lb. .10 - .11
Quercitron, crystals, bgs.....lb. .26 - —
extract, bgs., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb. .18½- —
Quicksilver,[1,4] dom., flasks (76 lbs. net), f.o.b., shipment point in Cal., Ore., Wash., Idaho, Utah, Nev., and Ariz..flask. 191.00 - —
f.o.b., shipm't point in Tex., and Ark..flask. 193.00 - —
Quince seed, bgs.....lb. 1.70 - 2.15
Quinidine, N.F.V., cryst., cns.oz. 1.06 - —
powd., precip., cns.....oz. 1.01 - —
Sulphate, cns.....oz. .71 - —
Subject to surcharge of 13½c. per oz; see note under Quinine.
Quinine, 100 ozs., cns.....oz. .84 - —
Acetate, cns.....oz. 1.05 - —
Arsenate, cns.....oz. 1.05 - —
Arsenite, cns.....oz. 1.07 - —
Bisulphate, cns.....oz. .60 - —
Citrate, cns.....oz. .78 - —
Dihydrobromine, bots.....oz. .80 - —
Dihydrochloride, bots.....oz. .86 - —
Ethylcarbonate, cns.....oz. 1.25 - —
Ferrocyanide, cns.....oz. 1.07 - —
Formate, cns.....oz. 1.00 - —
Hydrochlorosulphate, cns....oz. .81 - —
Glycerophosphate, cns.....oz. 1.20 - —
Hydrochloride, cns.....oz. .76 - —
Hydroiodide, cns.....oz. 1.05 - —
Hypophosphite, cns.....oz. 1.07 - —
Phosphate, cns.....oz. .90 - —
Salicylate, cns.....oz. .79 - —
Sulphate, USP, XI, cns.....oz. .67 - —
Sulphocarbolate, cns.....oz. 1.05 - —
Tannate, cns.....oz. .63 - —
Valerate, cns.....oz. .99 - —
Tartrate, cns.....oz. 1.03 - —

Quinine buyers must pay a surcharge of 13½c. per oz. to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Quinine-urea hydrochloride, cns. oz. .81 - —.
Subject to surcharge of 13½c. per oz; see note under Quinine.

R

R salt, dry, bbls.....lb. .55 - —
paste, dms.....lb. .52 - —
Rapeseed, Argentine, bgs.....lb. .07 Nom.
Raspberries, dried, bls.....lb. .85 - .90
Red,[3] alizarin lake, bbls., dlvd. N. of Tenn. and N. C. E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90

Red, alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N.C., S.C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .95 - —
400-2,000 lbs., bbls.....lb. 1.00 - —
100-300 lbs., pkgs.....lb. 1.05 - —
light shade, bbls., ton lots.lb. .80 - —
400-2,000 lbs., bbls.....lb. .85 - —
100-300 lbs., pkgs.....lb. .90 - —
light-medium shade, bbls., ton lots..lb. .85 - —
400-2,000 lbs., bbls.....lb. .90 - —
100-300 lbs., pkgs.....lb. .95 - —
maroon shade, bbls., ton lots..lb. 1.05 - —
400-2,000 lbs., bbls.....lb. 1.10 - —
100-300 lbs., pkgs.....lb. 1.15 - —
deep, bbls., ton lots....lb. 1.15 - —
400-2,000 lbs., bbls.....lb. 1.20 - —
100-300 lbs., pkgs.....lb. 1.25 - —
medium shade, bbls., ton lots..lb. .90 - —
400-2,000 lbs., bbls.....lb. .95 - —
100-300 lbs., pkgs.....lb. 1.00 - —
Red, cadmium, lithopone quotations are f.o.b. Balto. or whse. points, charges prepaid or allowed E. of Rockies.

Selenide, bbls., light, works..lb. 2.85 - —
maroon, works.....lb. 2.90 - —
Carmine, 40, dms., 100 lbs...lb. 4.60 - —
50 lbs.....lb. 4.75 - —
cns., 5 lbs.....lb. 5.25 - —
1 lb.....lb. 5.35 - —
Crocus martis (see Red, purple oxide).
Eosin toner, bbls.....lb. 1.35 - —
Fire toner, bbls.....lb. .85 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .09¼- —
80-85%, bbls., same basis...lb. .07¾- —
Iron oxide (see Red oxide).
Lacquer maroon, bbls., same basis..lb. 1.25 - —
Lake C toner, bbls., same basis, alizarin, lake, contracts..lb. .90 - —
Litho toner, bbls., same basis, alizarin, lake, contracts..lb. .60 - —
Rose, lake, bbls.....lb. .25 - .28
Pink, bbls.....lb. .20 - .25
Lithol-rubine toner, bbls., same basis, alizarin lake, contracts..lb. 1.10 - —
Maroon lake, 25%, kgs., same basis, alizarin lake, contracts..lb. .40 - —
Mercury oxide,[3] tech., bbls., 10.- 000 lbs..lb. 3.09 - —
smaller lots.....lb. 3.11 - —
Metallic, bbls., Pa., works...lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .09 - —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, Copley, Ohio..lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .08¼- —
Para, toner, concent., kgs., same basis, alizarin lake, contracts..lb. .70 - —
Persian Gulf, oxide, bbls., c.l., lb. No prices
Phloxin toner (see Red, Eosin-toner).
Phosphotungstic rhodamine, Y, kgs..lb. 4.15 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03¼- —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .55 - —
Lake, kgs., same basis alizarin lake..lb. .35 - —
Spanish, oxide, Grade 1, c.l., bbls., f.o.b. N.Y..lb. .04⅝- —
l.c.l. .....lb. .04⅞- —
Grade 2, c.l., bbls., f.o.b. N.Y..lb. .04⅛- —
l.c.l. .....lb. .04⅜- —
Toluidin toner, kgs., same basis alizarin lake..lb. 1.05 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., f.o.b. N.Y..lb. .25 - .40
quicksilver, bbls.....lb. 3.05 - 3.15
Red dyes are listed under Dyes.
Red, precipitate,[3] NF, powd., fib. dms., 50 lbs. or more..lb. 3.26 - —
Red saunders wood, ground, bbls., lb. .35 - —

Resorcinol, tech., 200-lb. dms., frt. alld. E. of Miss..lb. .68 - —
smaller quantities, morks..lb. .74 - —
USP, cryst., 100 lbs., dms., frt. alld. E. of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .09 - .10
Rhubarb, No. 1, high, dried, cs.lb. 1.15 - 1.20
powd., bbls.....lb. 1.18 - 1.23
No. 2, cs.....lb. .85 - .90
powd., bbls.....lb. .88 - .93
Riboflavin .....gram. 1.25 - 1.35
Rice bran, concentrate, 573-lb. dms., f.o.b. Cedartown, Ga., or Emeryville, Calif., seller's option..lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .43½- —
smaller lots.....lb. .44 - —
powd., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .43 - —
Rose flowers, pale, bls.....lb. .55 - .60
red, bls.....lb. 5.45 - 5.50
Rosemary flowers, bls.....lb. 1.65 - 1.70
leaves, bls.....lb. .18 - .22
Rosin, gum, B, bbls., ex dock....
D, bbls.....100 lbs. 3.55 - —
B, bbls.....100 lbs. 3.57 - —
E, bbls.....100 lbs. 3.61 - —
F, bbls.....100 lbs. 3.61 - —
H, bbls.....100 lbs. 3.62- —
H, bbls.....100 lbs. 3.62 - —
I, bbls.....100 lbs. 3.62 - —
K, bbls.....100 lbs. 3.73 - —
M, bbls.....100 lbs. 3.80 - —
N, bbls.....100 lbs. 3.99 - —
W. G., bbls.....100 lbs. 4.65 - —
W. W., bbls.....100 lbs. 5.30 - —
X, bbls.....100 lbs. 5.30 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.23.50 - —
l.c.l., f.o.b. mines.....ton.37.50 - —
Import, lump, bbls.....lb. No prices
powd., bbls.....lb. No prices
Rue, bls.....lb. 1.45 - 1.50

S

Sabadilla seed, powd., bbls....lb. .33 - .34
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - —
Scullcap, Eastern, bls.....lb. .28 - .30
Western, bls.....lb. .17 - .18
Safflower, bls.....lb. No prices
Saffron, Mexican, bls.....lb. .80 - .85
Spanish, tins.....lb. 43.00 -45.00
Safrol, cns.....lb. 2.25 - 2.45
dms.....lb. No prices
Sage, Cyprus, bls.....lb. .63 - .68
Dalmatian, bls.....lb. 2.00 - 2.05
ground, bls.....lb. 2.25 - 2.30
Greek, bls.....lb. 1.60 - 1.70
Spanish, bls.....lb. .37 - .38
Sago flour, bgs.....lb. .05 - .05¾
Salicin, bots., 5 lbs.....lb. 8.03 - —
cns., 25 lbs.....lb. 7.75 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt rock, bgs., dlvd. N.Y..ton.14.70 - —
l.c.l., bgs., dlvd. N.Y...ton.17.00 -18.00
vacuum, common, fine, bgs., c.l., dlvd. N.Y..ton.15.70 - —
l.c.l., dlvd. N.Y.....ton.19.40 -23.20
Chrome (see Chrome cake).
Saltcake, dom., bulk, works..ton.15.00 - —
import, bulk, c.i.f.....ton.16.00 Nom.
Saltpeter, dbl. refd., gran., bbls..
10-20 tons.....100 lbs. 8.20 - —
1- 9 tons.....100 lbs. 8.35 - —
less than ton lots..100 lbs. 8.60 - —
powd., bbls., 10-20 tons.....
100 lbs. 9.20 - —
1-9 tons.....100 lbs. 9.35 - —
less than ton lots..100 lbs. 9.60 - —
Santonin, cryst., cns.....kilo.210.00 -220.00
Saponin, crude, cns.....lb. 2.25 - 2.50
purified, cns.....lb. 3.00 - 3.25
Sarsaparilla root, Honduras, bls. lb. .55 - .60
Mexican, bls.....lb. .22 - .23
Sassafras, bark, ord., bls.....lb. .20 - .21
select, bls.....lb. .35 - .36
Savory, bls.....lb. 1.00 - 1.10
Saw palmetto berries, bgs.....lb. .07 - .08
Scammony root, bgs.....lb. .07 - .08
resin, lump, cns.....lb. .85 - —
powd., bxs.....lb. .90 - —
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33¾- —
smaller lots.....lb. .34¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .34¼- —
smaller lots.....lb. .34¾- —
Selenium, pwd. A, 10-lb. tins..lb. 2.00 - —
100-lb. cases.....lb. 1.75 - —
Senega root, spot, bls.....lb. .90 - .95
Senna leaves, Alexandria, half leaf, bls..lb. .23 - .25
siftings, bgs.....lb. .22 - .25
Tinnevelly, No. 1, bls.....lb. .16 - .17
2, bls.....lb. .12 - .15
3 bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .14 - .15
Pods., bls.....lb. .13 - .16
Serpentaria root, bls.....lb. .75 - .80
Shellac,[2] bleached, bonedry, bbls., f.o.b. N. Y..lb. .39 - .40
dlvd., Boston.....lb. .40 - .41
Chicago .....lb. .40½- .41½
Pacific Coast.....lb. .42½- .43½
rfd., bbls., f.o.b. N. Y....lb. .45 - .46
dlvd., Boston.....lb. .45½- .46½
Chicago .....lb. .46¾- .47¾
Pacific Coast.....lb. .48¾- .49¾
Garnet, bags.....lb. .37 - .39
D.C., V.S.O., or Diamond 1, cs., lb. .39 - .40
superfine, bgs., f.o.b. Boston, N.Y..lb. .32 - .33
dlvd., Chicago.....lb. .32½- .33½
Pacific Coast.....lb. .35 - .36
T.N., bgs., f.o.b. Boston, N.Y. lb. .31 - .32
dlvd., Chicago.....lb. .31½- .32½
Pacific Coast.....lb. .34½- .35½
Shellac under WPB Imports Order M-63, Amendment No. 3.
Shellac, varnish, Metro. area, orange, 5-lb. cut, bbls..lb. 1.87 - —
4½-lb. cut, bbls.....gal. 1.82½- —
4-lb. cut, bbls.....gal. 1.78 - —
white, 5-lb. cut, bbls.....gal. 1.97 - —
4¼-lb. cut, bbls.....gal. 1.92¼- —
4-lb. cut, bbls.....gal. 1.88 - —
Shellac, varnish prices, dlvd., Boston or Chicago, 10c. per gal.
Unexpired 1941 shellac varnish contracts subject to surcharge of 17c. per pound on 5 lb., 17½c. on 4½ lb., and 18c. on 4 lb. cut to cover higher price of alcohol.
Silica, amorph., dry-grd., 400 mesh, c.l..ton.17.00 - —
l.c.l., 5,000 lbs.....ton.19.00 - —
smaller lots.....ton.20.00 - —

Silica, amorph., wet-grd., 95-97%, 325 mesh, c.l..ton.19.00 - —
l.c.l., 5,000 lbs.....ton.21.00 - —
smaller lots.....ton.25.00 - —
400 mesh, c.l.....ton.30.00 - —
l.c.l., 5,000 lbs.....ton.35.00 - —
smaller lots.....ton.38.00 - —
96-98%, 325 mesh, c.l....ton.20.00 - —
l.c.l., 5,000 lbs.....ton.21.50 - —
smaller lots.....ton.23.00 - —
99%, 325 mesh, c.l.....ton.20.00 - —
l.c.l., 5,000 lbs.....ton.22.00 - —
smaller lots.....ton.25.00 - —
medium-grd., 99%, 325 mesh, l.c.l., 5,000 lbs.....ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 99½%, 325 mesh, c.l..ton.13.50 - —
l.c.l. .....ton.18.50 - —
140 mesh, c.l.....ton.11.00 - —
l.c.l. .....ton.16.00 - —
Silica prices are for bag packing f.o.b. works.
Silver, bullion.....oz. .35½- —
Govt. purchase, dom., metal, oz. .7111- —
Govt. purchase, foreign metal, oz. .35 - —
Cyanide, cns., 100 ozs.....oz. .34 - —
Nitrate, 100-oz. bots.....oz. .26⅞- —
Nucleinate, bots., dms.....oz. .29 - .34
Proteinate, bots., dms.....oz. .28 - .33
Simarubra barks, bls.....lb. .67 - .68
Skunk cabbage root, bls.....lb. .15 - .16
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .75 - .80
Smalt, black, extra velvet, ctns. lb. .05 - .08
Blue, ctns.....lb. .07 - .08½
Snakeroot, Canada, bls.....lb. .23 - .24
Soapbark, bls.....lb. .09 - .10
crushed, bls., bbls.....lb. .13 - .13½
cut, German, bls., bbls.....lb. No stocks
dom., bbls.....lb. .14 - .15
powd., bbls.....lb. .15 - .16
Soda, acetate, anhyd., dms., dlvd. lb. .08½- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .05 - —
l.c.l., dlvd.....lb. .05½- .06
USP, bbls., dlvd.....lb. .06 - .07
Alginate, dms., bbls., works.. lb. .69 - .72
Aluminate, white soluble, c.l., bgs., frt. equald..100 lbs. 7.50 - —
dms., frt. equald....100 lbs. 7.75 - —
l.c.l., bgs., frt. equald.100 lbs. 8.40 - —
dms., frt. equald.....100 lbs. 8.65 - —
Antimoniate, bbls., dlvd.....lb. .15 - .15½
Arsenate, dms., dealers, c.l works..lb. .08 - —
l.c.l., dms.....lb. .09¼- .09¾
Arsenite, dry, gray, dms., c.l., dealers, works..lb. .06¾- —
l.c.l., dms., works.....lb. .07½- .08½
white, dms., c.l., dealers, works..lb. .07¾- —
l.c.l., dms., works.....lb. .08½- .09½
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., Zone 1.....100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —

Resorcinol—Soda Ash

Soda ash, dense, bbls., c.l., wks. 100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .95 - —
extra light, 58%, bgs., c.l.... 100 lbs. 1.05 - 1.13
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.45 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.13
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse point and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The

Words are worthless unless punctuated with *action!* Right now, more than at any other time in the history of this country, America must have action *from every man on every job.*

Our job is to provide the kind of Skellysolve you need and to *get it to you* when you need it.

We can and will do both . . . *any* quantity within reason—*anywhere.* Write, phone, or wire and you'll get action.

SKELLYSOLVE
***in the* OIL, PAINT *and* DRUG FIELD**

The Skellysolve line includes naphthas specially fractionated for all laboratory and industrial uses. We furnish a full line of V. M. & P. naphthas, mineral spirits, and lacquer diluents, as well as many other special hydrocarbons. Our technical staff has aided many manufacturers in developing formulas for new or improved products which have proved to be of great value. Write or wire for full information today.

SKELLY

SKELLYSOLVE

SOLVENTS DIVISION, SKELLY OIL CO.
SKELLY BLDG., KANSAS CITY, MO.

Soda Bicarb.—Titanium

sales zones are:—Zone 1: All Northern U.S. E. of Miss. River and North of the Southern boundaries of Ky. and Va., including also St. Louis, Mo., and Davenport, Ia., parallel La., Miss., Ala., South of 31° Texas, E. of 100° Meridian and S. of 31° parallel and Fla., in Me., N. H. and Vt.; special local zone prices apply for ship't to various counties. Zone 2: Ark. East of 98° Meridian; Neb., E. of 98° Meridian; Tex., N. of 31° parallel and E. of 100° Meridian (except Wichita Falls), Ala., La., and Miss. N. of 31° parallel; Iowa (except Davenport), Ga., Minn., Mo. (except St. Louis), N. and S. C. and Tenn. Zone 3: Kansas, Neb., W. of 98° Meridian, Tex., W. of 100° Meridian (including Wichita Falls, but excluding El Paso), N. and S. D., Okla., Ark., W. of 93° Meridian. Zone 4: El Paso, Tex.; Ariz., Colo., Idaho, Mont., Nev., N. M., Utah and Wyoming.

Soda, benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., fib., 4,000 lbs. or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - —
l.c.l. .....100 lbs. 1.90 - —
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
l.c.l. .....100 lbs. 2.60 - —
powd., bbls., c.l., works.... 100 lbs. 1.85 - —
l.c.l., dlvd. N.Y..100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N.Y..100 lbs. 2.76 - —
Bichromate,[3],[6] spot, c.l., works lb. .07½- —
l.c.l., 6 cks. or 10 bbls. or over, works..lb. .07½- —
5 cks. or 9 bbls. or less, works..lb. .07¾- —
Bifluoride, bbls., c.l.....lb. .11 - —
10-bbl. lots.....lb. .11½- .13
1-9 bbls.....lb. .12 - —
kegs .....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
33 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works..100 lbs. 1.60 - —
35 deg., c.l., works..100 lbs. 1.40 - —
l.c.l., bbls., works..100 lbs. 1.65 - —
solut., 44 deg., bbls., works, 100 lbs. 1.55 - —
l.c.l., bbls., works..100 lbs. 1.80 - —
Bromide, USP, gran., works.. 500 lbs..lb. .27 - .31
fiber dms., 100 lbs.....lb. .28 - .32
Cacodylate, 1, 5-lb. bots., works. lb.17.00 - —
Carbonate (see Soda ash, soda monohydrated, soda sal).
Caustic, flake, 76% powd., ammon, process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., same zinc prices as ammonia process.
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works..... 100 lbs. 1.95 - —
70%, buyers' tanks, works, 100 lbs. 1.97½- —
sellers' tanks, works..... 100 lbs. 2.00 - —
solid, 76% ammon., process, dms., c.l., works..100 lbs. 2.80 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.80 - —

Soda, caustic, solid, electro process, dms., l.c.l., same zone prices as ammon. process. Caustic soda, l.c.l., prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works...lb. .06½- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Chromate,[3],[5] spot, c.l., works, lb. .08¾- —
l.c.l., 6 cks., 10 bbls. or over, works..lb. .09½- —
Citrate, USP VIII, 225-lb. bbls. lb. .18½- —
dms., 50-lb. lots.....lb. .20½- —
25-lb. lots.....lb. .22½- .23½
dms., kgs., 100-lb. lots..lb. .19½- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .28 - .29
kgs., 100-lb. lots.....lb. .25 - —
powd., bbls., 250-lb. lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26½- —
cns., 25-lb. lots.....lb. .29½- —
kgs., 100-lb. lots.....lb. .25½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
imports, 90%, cs.....lb. No prices
Diacetate, 33-35% acidity, bbls., divd..lb. .09½- .10½
anhy., dms., divd.....lb. .12½- —
Fluoride, white, 30%, bbls., c.l., frt. alld..lb. .08 - —
l.c.l., 10 or over, same basis..lb. .08½- —
1-9, same basis.....lb. .09 - —
95%, bbls., c.l., same basis, lb. .08¾- —
l.c.l., 10 or over, same basis..lb. .08¾- —
1-9, same basis.....lb. .09½- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Glycerophosphate, NF, cryst., bbls., 1,000-lb. lots..lb. 1.25 - 1.27
100-lb. lots.....lb. 1.40 - 1.42
cns., 25 lbs.....lb. 1.65 - 1.67
powd., bbls., 1,000-lb. lots..lb. 1.25 - 1.27
100-lb. lots.....lb. 1.40 - 1.42
cns., 25 lbs.....lb. 1.72 - —
solution, cbys., cns.....lb. .82 - .83
Hydrosulphite, dms., frt. alld., lb. .17 - .18
Hydroxide, USP, sticks, cns., 100 to 1,000-lb. lots..lb. .22 - .24
Hypophosphite, N. F., cns., 100-lb. lots..lb. .67 - —
Soda, hyposulphite, cryst., large bgs., works, frt. equald. 100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., works, frt. equald..100 lbs. 2.50 - —
bbls., same basis..100 lbs. 2.70 - —
pea, bgs., c.l., works.100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works..100 lbs. 2.75 - 3.00
bbls., works.....100 lbs. 2.95 - 3.20
dms., works.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., works..100 lbs. 2.85 - 3.10
bbls., works.....100 lbs. 3.05 - 3.30
dms., works.....100 lbs. 3.35 - 3.60
500 to 2,500 dms., works. 100 lbs. 3.10 - 3.25
bbls., works.....100 lbs. 3.30 - 3.55
dms., works.....100 lbs. 3.60 - 3.85
pea, less than 500 lbs., bgs., works..100 lbs. 3.70 - 3.95
bbls., works.....100 lbs. 3.90 - 4.15
dms., works.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.49 - —
Iodide, jars.....lb. 2.42 - —
bots. .....lb. 2.52 - 2.57
Mandelate, 100-lb. dms.....lb. 3.25 - —
Metanilate, bgs.....lb. .40 - —
Metasilicate, anhyd., dms., c.l., works, frt. equald..100 lbs. 4.00 - —
15 dms. and over, divd. N.Y. 100 lbs. 4.90 - —
3-14 dms., same basis..... 100 lbs. 5.05 - —
1-2 dms., same basis.100 lbs. 5.30 - —
gran., bbls., c.l., works....lb. 2.50 - —
10 bbls. and over, divd. N.Y. lb. 3.30 - —
1-9 bbls., divd. N.Y.....lb. 3.55 - —
Molybdate, anhyd., kgs., works, lb. .47 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate,[6] crude, dom., c.l., 100-lb. bgs., dlvd., f.o.b. cars, producing points or ports, rail or boat shipment..ton.30.05 - —
200-lb. bgs., same basis. ton.29.35 - —
bulk, f.o.b. Hopewell, Va..ton.27.00 - —
f.o.b. other Atl. and Gulf ports..ton.28.00 - —
imp., c.l., 100-lb. bgs., f.o.b. cars, Atl., Gulf, Pac. warehouses, rail or boat shipment..ton.33.00 - —
200-lb. bgs., same basis... ton.32.40 - —
bulk, same basis....ton.30.00 - —
refd., gran., bbls., 10 tons. 100 lbs. 3.60 - —
1-9 tons.....100 lbs. 3.75 - —
smaller lots.....100 lbs. 4.00 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized..lb. .06¾- —
West Coast, f.o.b. ports, 100 lbs. 8.65 - —
l.c.l. .....100 lbs. 8.90 -11.90

Soda nitrite l.c.l. prices range represents delivery at various points.

Orthosilicate, anhyd., dms., c.l., works, frt. equald..lb. 4.50 - —
15 dms. and over, same basis..lb. 5.45 - —
3-14 dms., same basis...lb. 5.60 - —
1-2 dms., same basis....lb. 5.85 - —
flake, dms., c.l., works.100 lbs. 3.15 - —
10 bbls. and over, dlvd. N.Y.C..100 lbs. 4.30 - —
1-9 bbls., same basis.100 lbs. 4.55 - —
Oxalate, neut., bbls.....lb. .09½- —
Perborate, NF, bbls., c.l., works, lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Pentachlorophenate briquete, single bgs., works..lb. .26 - —
70 lbs., bgs., works.....lb. .19½- —
490 lbs., bgs., works.....lb. .17½- —
powd., 100 lbs., bgs., works, lb. .19 - —
500 lbs., bgs., works.....lb. .17 - —
Phosphate, dibasic, anhyd., bgs., c.l., works..100 lbs. 6.00 - 6.25
l.c.l., works.....100 lbs. 6.50 - 7.25
bbls., c.l., works...100 lbs. 6.20 - 6.45
l.c.l., works.....100 lbs. 6.70 - 7.45
cryst., tech., bgs., c.l., works, 100 lbs. 2.55 - 2.70
l.c.l., works.....100 lbs. 2.95 - 3.45
bbls., c.l., works...100 lbs. 2.75 - 2.90
l.c.l., works.....100 lbs. 3.15 - 3.65
monobasic, anhyd., bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs. 8.00 - 9.00
bbls., c.l., works.....100 lbs. 7.45 - 8.45
l.c.l., works.....100 lbs. 8.20 - 9.20
tribasic, bgs., c.l., works.... 100 lbs. 2.70 - 2.85
l.c.l., works.....100 lbs. 3.10 - 3.60
bbls., c.l., works...100 lbs. 2.90 - 3.05
l.c.l., works.....100 lbs. 3.30 - 3.80
kegs, c.l., works...100 lbs. 3.40 - 3.55
l.c.l., works.....100 lbs. 3.80 - 4.30
USP (dibasic), bbls., dms., works..lb. .08 - .10
dried, bbls., dms., works..lb. .11½- .12
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., 10,000 lbs. or more..lb. .11 - —
contracts .....lb. .10 - —
smaller lots.....lb. .11¼- —
contracts .....lb. .10¼- —
Pyrophosphate,[3] anhyd., bgs., c.l., works, frt. equalized... 100 lbs. 5.25 - 6.10
5 tons and over, same basis, 100 lbs. 5.40 - 6.25
less than 5 tons, same basis, 100 lbs. 5.75 - 6.60
bbls., c.l., works, frt. equalized..100 lbs. 5.45 - 6.30
5 tons and over, same basis, 100 lbs. 5.60 - 6.45
less than 5 tons, same basis, 100 lbs. 5.95 - 6.80
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd. N. Y....100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - 1.30
Salicylate, bxs.....lb. .52 - .55
Sesquicarbonate, bgs., c.l., works, 100 lbs. 1.50 - —
bbls., c.l., works...100 lbs. 1.70 - —
bbls., l.c.l., Zone 1....100 lbs. 2.70 - —
2 .....100 lbs. 2.85 - —
3 .....100 lbs. 3.10 - —
4 .....100 lbs. 3.50 - —

Soda sesquicarbonate l.c.l. prices are on same basis as those for soda ash and caustic soda. The sales are also the same.

Sequisilicate, dms., c.l., works, 100 lbs. 3.05 - —
10 bbls. or over, divd. N.Y.C. 100 lbs. 4.05 - —
1-9 bbls.....100 lbs. 4.30 - —
Soda, silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1 to 4, works....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1 to 4, works....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. .12 - .15
Stannate, dms.....lb. .33½- .36½
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.70 - 1.90
5 tons or over, works, 100 lbs. 1.95 - 2.15
less than 5 tons, works, 100 lbs. 2.20 - 2.40
cryst. (see Glauber's salt).
NV VI, exsiccated, powd., bbls...lb. .07 - .07½
U.S.P. cryst., gran., bbls..lb. .10 - .10½
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.90 - —
less than 5 tons, dlvd. 100 lbs. 3.15 - —
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.65 - —
less than 5 tons, dlvd. 100 lbs. 3.90 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more....100 lbs. 5.50 - —
1 to 4.....100 lbs. 6.00 - —
Sulphocarbolate, gran., bbls., dms..lb. .26 - .28
Sulphocyanide, C.P., dms....lb. .55 - .65
Sulphohydrate, liquid, 28%, basis 100%, dms., c.l., f.o.b. works, lb. .05½- —
l.c.l., works.....lb. .06 - —
single dm. lots, works..lb. .06 - —
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinolate, bbls.....lb. .12 - —
Thiosulphate (see Hyposulphite).
Tungstate, CP, kgs.....lb. No prices
tech., kgs.....lb. 1.35 - 1.50
Solvent, naphtha,[2] dms., wks.gal. .31 - —
tanks, E. of Omaha, frt. alld. gal. .27 - —
W. Coast, f.o.b. Minequa, Colo..gal. .27 - —
high-flash, dms., works...gal. .32 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
Sorbitol, com'l, dms., works...lb. .17¾- —
Soybean meal, 41%, bulk....ton.46.90 - —
protein, bgs., c.l., works.....lb. .20 - —
l.c.l., 10-20 tons, works....lb. .20¼- —
100-20,000 lbs., works.....lb. .20½- —
smaller lots, works.....lb. .24 - —
Sparteine sulphate, cns.....oz. 3.65 - 4.00
Spearmint leaves, bls.....lb. .30 - .31
Spikenard root, bls.....lb. .18 - .19
Spruce extract, reg., bbls., c.l., works..lb. .02¼- —
tanks, works.....lb. .01¼- —
powd., super, bgs., c.l., works, lb. .04½- —
Squawvine, leaves, bls.....lb. .14 - .15
Squill, red, powd.....lb. .85 - .88
White, bls.....lb. .18½- .19
powd., bbls., bxs.....lb. .23 - .24
St. Ignatius beans, bgs.....lb. .44 - .45
St. John's Bread, edible, bls., lb. .19 - .20
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 3.10 - —
dlvd., N. Y.....100 lbs. 3.47 - —
powd., bgs., f.o.b. Chicago, 100 lbs. 3.20 - —
dlvd., N. Y.....100 lbs. 3.57 - —
Potato, dom., bgs., c.l.....lb. .0635- —
l.c.l. .....lb. .0760- —
import, bgs.....lb. No prices
rice, bgs.....lb. .09 - .10
Sweetpotato, bgs.....lb. .06¾ Nom.
bbls. .....lb. .07 Nom.
Wheat, thick, boil, bgs.....lb. .06 - —
Starch, iodide, bots.....lb. 1.87 - —
Staveacre, seed, bgs.....lb. .35 - .40
Stearin, oleo.....lb. .1054- —
Stillingia root, bls.....lb. .11 - .12
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 2.00 Nom.
Stramonium leaves, bls.....lb. .33 - .34
seed, bgs.....lb. .20 - .21
Strontium bromide, cns.....lb. .53 - .55
Carbonate, NF, IV, 250-lb. bbls..lb. No prices
tech., 90% precip., bbls.....lb. .25 Nom.
Chloride, tech., bbls.....lb. .23 - .25
Iodide, bots, 5 lbs.....lb. 3.06 - —
jars, 25 lbs.....lb. 3.00 - —
Nitrate, dom., bbls., c.l., wks., lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08¾- —
Oxalate, bbls.....lb. .44 - —
Strophanthus seed, Kombe, bgs.lb. 4.00 - 4.25
Strolyl, acetate, bots.....lb. 3.10 - 3.25
Strychnine, cryst., cns., 100-oz. lots..oz. .70 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .79 - —
Arsenate, 25-oz. cns., 100-oz. lots..oz. .82 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .79 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .80 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .79 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .91 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .73 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .80 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .58 - —
powd., cns., 100-oz. lots.oz. .48 - —
Sucrose Octa-acetate, C.P. grade, bbls., l.c.l., works..lb. .55 - —
denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works.....lb. .40 - —
Sugar coloring, bbls.....gal. .75 - 1.45
Milk, bbls., c.l.....lb. .25 - —
l.c.l., 10 or over.....lb. .26 - —
less than 10.....lb. .27 - —
Sulfadiazine, tablets, bots., 50's, ea. 4.86 - —
100's .....ea. 8.46 - —
1,000's .....ea.72.00 - —
Sulfaguanidine, 3.5-gm. bot..doz. 2.50 - —
4-oz. bots.....ea. 8.10 - —
1-lb. bots.....ea.30.00 - —
Sulfanilamide, 5 lbs., bots.....lb. 1.70 - —
fib. dms., 1,000 lbs., 1 delivery, lb. 1.25 - —
100 lbs.....lb. 1.30 - —
25-lb. lots.....lb. 1.45 - —
Sulfapyridine, powd., for hospitals, 5-gram bots..ea. .50 - —
Sulfathiazole, 5-gm. bot.....ea. .42 - —
Sesquicarbonate, 5-gm. bot....ea. .42 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - —
Sulphur, crude, bulk, f.o.b. cars, mines, contracts..long ton.16.00 - —
f.o.b. steamers, Gulf ports, contract..long ton.17.50 - —
flowers, USP, bgs., c.l...100 lbs. 3.30 - —
l.c.l. .....100 lbs. 3.80 - —
bbls., c.l.....100 lbs. 3.65 - —
l.c.l. .....100 lbs. 4.15 - —
flour, comm'l bgs., c.l...100 lbs. 1.90 - —
l.c.l. .....100 lbs. 2.40 - —
refined, cast, bgs., c.l...100 lbs. 2.45 - —
l.c.l. .....100 lbs. 2.95 - —
heavy, USP, bgs., c.l...100 lbs. 2.85 - —
l.c.l. .....100 lbs. 3.35 - —
bbls., c.l.....100 lbs. 3.20 - —
l.c.l. .....100 lbs. 3.70 - —
light, ref'd, USP, bgs. c.l., 100 lbs. 2.95 - —
l.c.l. .....100 lbs. 3.45 - —
bbls., c.l.....100 lbs. 3.30 - —
l.c.l. .....100 lbs. 3.80 - —
lumps, bgs., c.l.....100 lbs. 2.45 - —
l.c.l. .....100 lbs. 2.95 - —
bbls., c.l.....100 lbs. 2.80 - —
l.c.l. .....100 lbs. 3.30 - —
roll, bgs., c.l.....100 lbs. 2.65 - —
l.c.l. .....100 lbs. 3.15 - —

Prices at the mine for various grades refined sulphur 50c. less per 100 pounds.

Rubbermakers, comm'l, 99½%, bgs., c.l., frt. alld..100 lbs. 2.20 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.55 - —
Chloride, 55-gal. dms., c.l....lb. .03 - .03¼
l.c.l., dms., works....lb. .04 - .04¼
10-gal. dms., c.l.....lb. .07 - .07¼
l.c.l. .....lb. .08 - .08¼
Dioxide, liquid, com'l., cyls., works..lb. .07 - .09
multi-unit, cars, works.lb. .04½- .07
tanks, works.....lb. .04 - .06
refrigeration, cyls., works..lb. .16 - .40
multi-unit, cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.90 - 4.05
Precipitated, USP, bbls.....lb. .17 - .22
Sumac, grd., Sicilian, f.a.s...ton. No prices
leaf, f.a.s.....ton. No prices
extract, bbls., No. 1.....lb. .08 - —
No. 2.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Berries, bgs.....lb. .12 - .13
Sunflower seed, Calif., large, bgs., lb. .07 - .07½
medium, bgs.....lb. .06¾- .07
poultry .....lb. .06 - .06½
Superphosphate, run-of-pile, basis 16%, bulk, f.o.b. cars, boat, Balto..net ton. 9.60 - —
guaranteed 16%, bulk, same basis..net ton.10.10 - —
20%, bulk, same basis....ton.12.75 - —
triple, bulk, f.o.b. cars, balto., spot..unit-ton. .80 - —

T

Talc, dom., Calif., 1, c.l.....ton.21.50 - —
2, c.l.....ton.18.50 - —
N.Y., fibrous, 93-94%, 325 mesh, c.l..ton.13.00 -18.00
l.c.l. .....ton.17.00 -20.00
99-99½%, 325 mesh, c.l..ton.15.25 -19.25
l.c.l. .....ton.17.25 -22.00
99.95%, 325 mesh, c.l..ton.17.00 -21.00
coarse, off-color, c l.....ton.13.00 - —
Aluminum, flake-type, grd. c.l..ton.14.50 -24.50
l.c.l. .....ton.16.50 -30.00
Pennsylvania, c.l.....ton.11.00 -13.50
l.c.l. .....ton.12.00 -14.50
Vermont, c.l.....ton.14.00 - —
l.c.l. .....ton.15.00 - —
Imp., Canadian, c.l., dlvd. N. Y..ton.24.00 -30.00
French .....ton. No prices
Italian .....ton. No prices

Talc, domestic, is quoted at the mills in bag packing.

Tallow,[1],[8] extra, loose.....lb..0971¼- —
special, loose.....lb..0957¾- —
sulphonated, 25% (24% fat), dms., c.l..lb. .05¾- —
l.c.l. .....lb. .06¾- —
50% (43% fat), dms., c.l...lb. .06¾- —
l.c.l. .....lb. .07¾- —
50% (48% fat), dms., c.l...lb. .07¾- —
l.c.l. .....lb. .08¾- —
Tamarind, No. 1, bbls.....lb. .06 - .07
kegs .....lb. 6.00 - 8.00
Tankage, dom., fertilizer, animal, grd., 9% ammon., 10% b.p.l., bulk, basis N. Y..unit-ton. 4.75 & .10
10-11% ammon., 15% b.p.l., bulk, basis Chi..unit-ton. 4.50 & .10
feeding, unground, 9-11% ammon., 15-20% b.p.l., bulk, basis N.Y..unit-ton. 5.60 & .10
high-grade, bulk, Chicago.. unit-ton. 5.80 & .10
Import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports..unit-ton. 5.50 & .10
Tansy leaves, bls.....lb. .23 - .24
Tapioca flour, bgs.....lb. .04 - .07
Tar acid oil,[7] 16%, dms., c.l., works..gal. .27½- —
l.c.l., same basis.....gal. .29½- —
25%, dms., c.l., works.....gal. .31½- —
l.c.l., same basis.....gal. .33½- —
Tar, pine, retort, dms., dlvd. E. cities..gal. .33 - —
ports .....gal. .33 - —
tanks, dlvd. E. cities....gal. .241- —
Tarragon herb, bgs.....lb. 1.95 - 2.00
Tartar emetic, tech., fine gran. or powd., bbls., kgs., 5 or more..lb. .47¾- —
less than 5.....lb. .48 - —
dms. .....lb. .48½- .51
USP, powd., bbls.....lb. .52¾- .53
Terpinyl acetate, cns.....lb. .87 - —
dms. .....lb. .85 - —
Terpin hydrate, bbls., dms....lb. .60 - .65
Terpineol, CP, cns.....lb. .43 - —
dms. .....lb. .40 - —
alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachlorethane, dms., wks..lb. .08 - .08½
Tetrachlorethylene, CP, dms..lb. .21½- —
tech. (see Perchlorethylene).
Tetralin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, bots., works..lb. 5.00 - 7.00
Theobromine .....lb. 2.40 - 2.65
Sodiosalicylate, dms.....lb. No prices
Thiamine hydrochloride, bots., cns. gram. .53 - .56
Thiocarbanilide, dms.....lb. .24 - —
Thio Urea, C.P., dms.....lb. .55 - .65
Thorium, nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .89 - .94
Morocco, bls.....lb. .21 Nom.
Spanish, bls.....lb. .23½- .24
Thymol, cns., 25 lbs.....lb. 3.00 Nom.
Iodide, kgs., 50 lbs.....lb. 3.40 - —
25 lbs.....lb. 3.50 - —
Timbo root (see cube root).

Tin chloride (ous), anhy.....lb. .48 - .48½
Crystals, bbls., bgs.....lb. .39 - .39½
Metal,[1], [4], Straits.....lb. .52 - —
Oxide, bbls.....lb. .55 - —
Tetrachloride, anhyd., bbls...lb. No price
Titanium,[1] dioxide bgs., c.l. (20 tons)..lb. .14½- —
l.c.l., 5 tons, single delivery. lb. .14¾- —
1,000-9,999 lbs.....lb. .15 - —
50-999 lbs.....lb. .15¼- —
bbls., c.l. (20 tons).....lb. .14¾- —
l.c.l., 5 tons, single delivery. lb. .15 - —
1,000-9,999 lbs.....lb. .15¼- —
50-999 lbs.....lb. .15½- —
non-chalking, bgs., c.l. (20 tons), lb. .16½- —
l.c.l., 5 tons, single delivery. lb. .16¾- —
1,000-9,999 lbs.....lb. .17 - —
50-999 lbs.....lb. .17¼- —
bbls., c.l. (20 tons).....lb. .16¾- —
l.c.l., 5 tons, single delivery..lb. .17 - —
1,000-9,999 lbs.....lb. .17¼- —
50-999 lbs.....lb. .17½- —
chalk-resistant, bgs., c.l. (20 tons)..lb. .15 - —
l.c.l., 5 tons, single delivery. lb. .15¼- —
1,000-9,999 lbs.....lb. .15½- —
50-999 lbs.....lb. .15¾- —
bbls., c.l. (20 tons).....lb. .15 - —
l.c.l., 5 tons, single delivery. lb. .15½- —
1,000-9,999 lbs.....lb. .15¾- —
50-999 lbs.....lb. .16 - —
barium or magnesium base, bgs., c.l. (20 tons)..lb. .05¾- —
l.c.l. .....lb. .06 - —
bbls., c.l. (20 tons).....lb. .06 - —
l.c.l. .....lb. .06¼- —
calcium base, bgs., c.l. (20 tons) lb. .06½- —
Titanium-calcium-rutile base, bgs., c.l. (20 tons)..lb. .05½- —
l.c.l. .....lb. .05¾- —
bbls., c.l. (20 tons).....lb. .05¾- —
l.c.l. .....lb. .06 - —

Carload prices are f.o.b. factories with actual freight paid. Less than carload prices are f.o.b. factories or ex warehouse with actual freight or trucking paid, except on the Pacific Coast, where they are f.o.b. warehouses. Pacific Coast prices are ¼c. per lb. higher than the above.

Toluidin base, distilled, kgs....lb. .96 - —
Tolu, balsam, cns.....lb. 1.00 - 1.05
Toluidin, mixed, dms.....lb. .26 - —
Toluol,[2], [3], [5] (toulene), 2° indus., dms., returnable..gal. .33 - —
tanks, E. of Omaha, frt. alld. gal. .28 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .28 - —
1° nitration,[6] dms., returnable..gal. .34½- —
tanks, E. of Omaha, frt. alld.. gal. .29½- —
W. Coast, f.o.b. Minnequa, Colo..gal. .29½- —
Tonga, N.F., 50% bark and vine, bls..lb. .90 - .95
Tonka beans, Angostura, cks..lb. 3.00 - 3.05
Brazilian, Surinam, cs.....lb. .95 - 1.10
Triacetin, dms.....lb. .26 - —
Trimyl borate, dms., l.c.l., works lb. .33 - —
Triamylamine, dms., c.l., works. lb. .96 - —
l.c.l. .....lb. 1.01 - —
Tributylamine, dms., c.l., works. lb. .76 - —
l.c.l., works.....lb. .81 - —
Tributyl citrate, ton lots, 475-lb. dms..lb. .24 - —
smaller lots.....lb. .32 - —
Phosphate, dms., l.c.l., divd..lb. .47 - —
cns., works.....lb. .51 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
tanks .....lb. .07½- —
Zone 2, dms., c.l., works, frt. alld..lb. .06½- —
l.c.l., same basis.....lb. .08½- —
Trichlorethylene, Zone 2, dms., c.l., works, frt. alld..lb. .06½- —
l.c.l., same basis.....lb. .09 - —
Zone 3, c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb. .09½- —

All prices on trichlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following States:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D. Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Tricresyl, phosphate,[6] CP, cns., dlvd..lb. .40½- .51½
dms., c.l., dlvd.....lb. .37½- —
Tech., dms., c.l.....lb. .25 - —
500 lbs., dms.....lb. .25½- —
Triethanolamine, dms., c.l., works. lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethylamine, dms., l.c.l., works, lb. 1.16 - —
Triethyl citrate, ton lots, 500-lb. dms..lb. .24 - —
smaller lots.....lb. .32 - —
Triethyl phosphate, dms., dlvd..lb. .45 - —
Trimethyl phosphate, cns.....lb. .54 -.56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd. lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Triphenyl phosphate,[2] bbls....lb. .31 - .32
Tripoli, air-floated, bgs., c.l., works..ton.21.00 - —
double grd., bgs., c.l., works. ton.17.50 - —
once-grd., bgs., c.l., works.ton.16.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tuba root (see Derris root).
Tungsten metal powd.,[2], [5] 90% dms., works..lb. 2.60 - —
Oxide, CP, kgs.....lb. No prices
Chem. grade, kgs.....lb. No prices
Turmeric root, Alleppey, bgs..lb. .14 - .14½
Madras, bgs.....lb. No price
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .80¾- —
l.c.l., 10 ex dock...gal. .82¾- —
5 ex dock.....gal. .84¾- —
Turpentine, wood, dest., dist., dms., dlvd. E. cities..gal. .65 - .70
tanks .....gal. .58 - —
steam-dist., dms., c.l., divd.gal. .73 - —
l.c.l., dlvd.....gal. .76 - —
tanks, dlvd.....gal. .68 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, bgs....lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Urea, dom., 46% N., bgs., 20 tons, f.o.b. Belle, W. Va., Metropolitan New York, Phila., Wilmington, Del., Baltimore, Wilmington, N. C., Charleston, Savannah, Jacksonville....ton.80.00 - —
48% N., bgs., l.c.l., f.o.b. Belle, W. Va..ton.82.50 - —
5-19 tons, f.o.b. Boston, New York, Philadelphia, Wilmington, Del., Baltimore..ton.85.00 - —
less than 5 tons, f.o.b. New York, Phila..ton.90.00 - —
import, 40% N., bgs., 5 tons, f.o.b. Atl. Gulf ports or Belle, W. Va., ship..ton. No prices
smaller lots, f.o.b. N. Y. whse..ton. No prices
pure, cs.....lb. .12 - —
Urea fertilizer compound, basis 42% N., bulk, c.l., f.o.b. Belle, W. Va., or Atl., Gulf ports..ton.57.40 - —
Urea - ammonia liquor, basis 45% N., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports ton.121.58 - —
37% N. (insoluble), f.o.b. Belle, W. Va., or Atl., Gulf ports. ton.127.00 - —
Uva ursi leaves, bls.....lb. .24 - .25

V

Valerian root, Belgian, bls.....lb. 1.70 - 1.75
Eastern, bls.....lb. 1.50 - 1.55
Valonia, beards, bgs., f.a.s...ton. No prices
cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, C.P., bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans, Bourbon, tins...lb. No prices
Mexican, tins.....lb.16.00 -17.00
cuts, tins.....lb.14.00 -16.00
South American, tins.....lb. No prices
Tahiti, tins.....lb. 6.50 - 6.75
Vanillin, ex eugenol, 25-lb. tins. lb. 2.60 - —
5-lb. tins.....lb. 2.65 - —
1-lb. tins.....lb. 2.75 - —
ex-guaicol, 25-lb. tins.....lb. 2.25 - —
5-lb. tins.....lb. 2.40 - —
1-lb. tins.....lb. 2.50 - —
ex lignin, any quantity, 25-lb. tins..lb. 2.35 - —
5-lb. tins.....lb. 2.40 - —
1-lb. tins.....lb. 2.65 - —
Venice turpentine, true, cs...lb. No prices
artificial, cs.....lb. .24 - .25
Verdigris, bbls., kgs.....lb. .22 - .23
Vinyl acetate, cns., works.....lb. .25 - —
dms., c.l., 30,000 lbs. gross, works..lb. .15 - —
l.c.l., works.....lb. .16 - —
5 gals., dms., works.....lb. .25 - —
Ether, 75 c.c.....bot. 1.30 - —
50 c.c.....bot. .73½- —
25 c.c.....bot. .45½- —
Vitamin B_1 (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex (see Rice bran).
C (see Acid, ascorbic).
D (see Oils, cod liver, halibut liver).
E (see Alpha Tocopherol).
G (see Riboflavin).
P-P (see Acid, nicotinic; acid, nicotinic amide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum, naphtha, v.m.p.).

W

Wahoo bark, bls.....lb. .40 - .42
tree .....lb. .28 - .29
Wattle bark, bgs., f.a.s.....ton.41.00 -43.00
Extract, solid, bgs.....lb. .0447 5-.0460
liquid, tanks.....lb. .05 - —
bbls. .....lb. .05¾- —
Wax, amorphous, group 3, at refineries; 160-165, amber..lb. .15½- —
black .....lb. .14 - —
white .....lb. .26 - —
180-185, amber.....lb. .17½- —
black .....lb. .16 - —
white .....lb. .30 - —
Bayberry, bgs.....lb. .18 - .20
Bees,[2] white, bleach, slabs, lb. .61 - —
cakes, cs.....lb. .62 - —
discs, cs.....lb. .63 - —
yellow, crude, Africa.....lb. .49 - —
Brazilian, Chilean, bgs..lb. .50 - —
refd., slabs, cs., lbs.....lb. .59 - .60
Candelilla,[2] bgs., 1 ton.....lb. .38 - —
Carnauba,[2] No. 3 chalky, bgs., lb. .75 - .76
No. 2, N.C., bgs.....lb. .82 - .83
N.C., 3, bgs.....lb. .77 - .78
refined, bgs.....lb. .84 - .85
yellow, No. 1, bgs.....lb. .87 - .88
No. 2, bgs.....lb. .85 - .86
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .13½- .14
jobbing lots.....lb. .14½- .15
150°-160° m.p., bgs., 1 ton..lb. .15½- .16
jobbing lots.....lb. .16½- .17
100° m.p., bgs., 1 ton.....lb. .16½- .17
jobbing lots.....lb. .17½- .18
Japan, cs.....lb. .40 - .45
Montan, bgs.....lb. .45 - .46
Ouricury,[2] bgs.....lb. .55 - .62
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb. No stocks
70°-72° C., bgs.....lb. No stocks
74°-76° C., bgs.....lb. No stocks
snow-white, pure, 76°-78° C., bgs..lb. No stocks
yellow, natural, 76°-78° C., bgs..lb. No stocks
Wax, paraffin (see P).
Spermaceti, blocks, cs.....lb. .26 - .27
cakes, cs.....lb. .27 - .28
White lead (see Lead, white).
White pine bark, rossed, bls..lb. .08 - .09
White precipitate,[2] powd., dms., 50 lbs. or more..lb. 2.84 - —
Whiting, chalk, com'l, dry-grd., pap. bgs., c.l., works..ton.18.00 -22.00
l.c.l., works.....ton.20.00 -24.00
wet-grd., bip. bgs., c.l., works..ton.21.00 -23.00
l.c.l., works.....ton.22.00 -27.00
gilders, bolted, pap. bgs., c.l., works..ton.20.00 -24.00
l.c.l., works.....ton.21.00 -24.00
extra bolted, pap. bgs., c.l., works..ton.22.00 -26.00
l.c.l., works.....ton.23.00 -27.00
Paris white, pap. bgs., c.l., works..ton.24.00 -28.00
l.c.l., works.....ton.25.00 -29.00
Limestone, air-floated, 90%%, 250 mesh, pap. bgs., c.l., works..ton.10.10 - —
200 mesh, pap. bgs., c.l., works..ton. 9.50 - —
90%, 200 mesh, pap. bgs., c.l., works..ton. 7.00 - —
gilders', pap. bgs., c.l., works. ton.11.50 -13.00
l.c.l., works.....ton.12.50 -16.00
gilders' putty grade, water-floated, bgs., c.l., works.ton.12.00 -13.00
l.c.l., works.....ton.13.00 -16.00
precipitated, bgs., c.l., wks. ton.14.00 -15.00
l.c.l., works.....ton.18.00 -25.00
Wild cherry bark, thick, natural, bls..lb. .05½- .06
rossed, bls.....lb. .14 - .15
thin, natural, bls.....lb. .09½- .10
rossed, green, bls.....lb. .15 - .16
Wild indigo root, bls.....lb. .22 - .23
Witch-hazel extract, dist., NF, bbls..gal. .72 - .75
leaves, bls.....lb. .07 - .09
Witherite (see Barium carbonate, natural).
Woodflour, dom., 60 mesh, bgs., c.l., f.o.b. N.Y..ton.24.00 -25.00
80 mesh, same basis.....ton.26.00 -28.00
100 mesh, same basis.....ton.30.00 -32.00
import, 70 mesh, bgs., ex dock.. ton. No prices
80 mesh, bgs., ex dock..ton. No prices
100 mesh, bgs., ex dock..ton. No prices
120 mesh, bgs., ex dock..ton. No prices
Wormseed, American, bgs.....lb. .08 - .09
Levant, bgs.....lb. No prices
Wormwood, bls.....lb. .50 - .60

X

Xylol[2] (xylene), indus., dms., returnable, works..gal. .32 - —
tanks, E. of Omaha, frt. alld. gal. .27 - —
tanks, W. of Coast, f.o.b. Minnequa, Colo..gal. .27 - —
10°, dms., returnable, works. gal. .33 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
5°, dms., returnable, works.gal. .42 - —
tanks, E. of Omaha, frt. alld.. gal. .37 - —
8°, dms., returnable, works.gal. .47 - —
tanks, E. of Omaha, frt. alld. gal. .42 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.80 - 1.85
Yellow,[3] arsenic sulphide, dom., bbls., f.o.b. New York..lb. .52 - .55
bottles, same basis.....lb. .60 - .64
imp., bbls., same basis.....lb. .20 Nom.
Benzidine, bbls., dlvd.....lb. 1.35 - 2.25
Cadmium, CP, import, bxs...lb. 1.35 - 1.40
lithopone, primrose, lemon, golden and standard orange, ton lots, bbls....lb. .55 - —
400-2,000 lbs., bbls., lb. .60 - —
100-300 lbs., pkgs..lb. .65 - —
Yellow cadmium lithopone prices are f.o.b. Balto. or whse. points, transportation prepaid or allowed E. of Rockies.
Sulphide, orange, cases, works, lb. 1.10 Nom.
Chrome, CP, bbls., dlvd. No. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .16 - —
Chrome yellow, CP, prices are ½c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis chrome..lb. 1.37 - —
primrose shade, bbls., same basis chrome..lb. 1.75 - —
Mercury oxide, tech., bbls., 1,000 lbs..lb. 2.87 - —
smaller lots.....lb. 2.89 - —
Ocher, American, golden, bbls., works..lb. .04½- .06½
yellow, bbls., works....lb. .02 - .02¼
French type, bbls., c.l....lb. .0345- —
l.c.l. .....lb. .0365- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y...lb. .04½- —
l.c.l., same basis.....lb. .05 - —
synth., bbls., c.l., works...lb. .07 - —
l.c.l., same basis.....lb. .07¼- —
Persian orange (see O).
Zinc., bbls., same basis, chrome CP, contracts..lb. .17½- —
open order.....lb. .17⅞- —
Navy specifications type, contracts..lb. .17½- —
open order.....lb. .17½- —
Yellow dock root, dom., bls...lb. .16 - .18
Yellow root (xanthoriza), bls...lb. .11 - .13
Yerba santa leaves, bls.....lb. .13 - .14
Yohimbine hydrochloride, vis..oz. 3.00 - 5.75

Z

Zein, bgs., 1,000 lbs. or more, works..lb. .20 - —
less than 1,000 lbs., works..lb. .25 - —
Zinc,[1], [5], [6] Metal (see paint market).
acetate, tech., bbls., dlvd....lb. .16 - .17
USP, bbls., 250 lbs.....lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenite, bgs., c.l., dealers, E. of Rockies..lb. .12 - —
l.c.l., bgs.....lb. .12½- —
Zinc arsenite prices are on a frt. alld. basis to dest., in lots of 96 lbs. or over.

Titanium—Zirconium

Zinc, carbonate, tech., bbls....lb. .14 - .20
USP, precip., powd., bbls..lb. .32½- —
25-lb. dms.....lb. .37½- —
kgs. .....lb. .34½- —
Chloride, tech, fused, dom., c.l., works..100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 5.35 - —
gran., dms., c.l., works.... 100 lbs. 5.75 - —
l.c.l., dms., wks..100 lbs. 6.50 - —
USP, 100-lb. dms.....lb. .30 - .31
25-lb. jars.....lb. .36 - —
solut., 50%, dms., c.l., works, lb. .0315- —
l.c.l., works.....lb. .04¼- .04½
tanks, works.....lb. .0250- —
Cyanide, kgs., works.....lb. .33 - .37
Dust, bbls., c.l., dlvd.....lb. .1035- —
l.c.l., bbls., f.o.b. works...lb. .1135- —
Iodide, N.F., bots.....lb. 4.54 - —
jars .....lb. 4.40 - —
Fluoride, bbls.....lb. .20 - .25
Metal (see daily quotations in Market report).
Oxide,[2] pigment, dom., acicular type, bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07¼- —
bbls., c.l., dlvd.....lb. .07¼- —
l.c.l., dlvd.....lb. .07¾- —
lead-free, bgs., c.l., dlvd.lb. .07¼- —
l.c.l., dlvd.....lb. .07¼- —
bbls., c.l., dlvd....lb. .07¾- —
l.c.l., dlvd.....lb. .07¾- —
leaded, 5%, bgs., c.l., dlvd. lb. .07¼- —
l.c.l., dlvd.....lb. .07¾- —
bbls., c.l., dlvd....lb. .07¾- —
l.c.l., dlvd.....lb. .07¾- —
35% or more, bgs., c.l., dlvd..lb. .06¾- —
l.c.l., dlvd.....lb. .07 - —
bbls., c.l., dlvd....lb. .07 - —
l.c.l., dlvd.....lb. .07¼- —
French process, com'l, lead free, bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
bbls., c.l., dlvd....lb. .07½- —
l.c.l., dlvd.....lb. .07¾- —
green seal, bgs., c.l., dlvd. lb. .09 - —
l.c.l., dlvd.....lb. .09¼- —
bbls., c.l., dlvd....lb. .09¼- —
l.c.l., dlvd.....lb. .09½- —
red seal, bgs., c.l., dlvd. lb. .08¼- —
l.c.l., dlvd.....lb. .08¾- —
bbls., c.l., dlvd....lb. .08¾- —
l.c.l., dlvd.....lb. .09 - —
white seal, bgs., c.l., dlvd. lb. .09¼- —
l.c.l., dlvd.....lb. .09¾- —
bbls., c.l., dlvd....lb. .09¾- —
l.c.l., dlvd.....lb. .10 - —
imported, gold seal, cks., ex whse..lb. No prices
green seal, bbls., ex whse. lb. No prices
white seal, cks., ex whse..lb. No prices
USP, c.l., 50-lb. bgs.....lb. .10½- —

Zinc oxide prices in l.c.l. are ¼c. higher. Lead-free and 5% and 35% leaded zinc oxide in car lots are ½c. per lb. higher delivered Pac. Cst., and in less car lots are ½c. per lb. higher ex whse. Pac. Cst.; 50% leaded is 5.6c. per lb. higher for car lots delivered Pac. Cst.

Palmitate, bbls.....lb. .32 - .33
Resinate, fused, pale, bbls...lb. .19 - —
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., cns..lb. .30 - .31
USP, bbls.....lb. .30 - .31
Sulphate, cryst., bgs., c.l. 100 lbs. 3.60 - —
l.c.l. .....100 lbs. 4.35 - —
bbls., c.l.....100 lbs. 3.85 - —
l.c.l. .....100 lbs. 4.60 - —
flake, bgs., c.l.....100 lbs. 4.10 - —
l.c.l. .....100 lbs. 4.85 - —
bbls., c.l.....100 lbs. 4.35 - —
l.c.l. .....100 lbs. 4.80 - —
powd., bgs., c.l.....100 lbs. 5.80 - —
l.c.l. .....100 lbs. 6.55 - —
bbls., c.l.....100 lbs. 6.05 - —
l.c.l. .....100 lbs. 6.80 - —
Sulphide, bgs., c.l. (20 tons), dlvd..lb. .08¼- —
l.c.l., dlvd.....lb. .08½- —
bbls., c.l. (20 tons), dlvd..lb. .08½- —
l.c.l., dlvd.....lb. .08¾- —
barium, pigment, bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb. .0585- —
calcium pigment, bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb. .0585- —
magnesium pigment, bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —

Car-lot prices are ½c. higher delivered Pac. Cst. and less car-lot prices are ½c. higher ex whse. Pac. Cst.

Sulphocarbolate, NF, bbls., dms. lb. .24 - .29
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.65 - —
l.c.l., works.....100 lbs. 6.70 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd., E. of Rockies. lb. .06¼- —
dlvd. Pac. cst.....lb. .06¾- —
ex whse., Pac. cst....lb. .07 - —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 70-75%, gr., bbls., works..ton.75.00 -100.00
white, 98%, grd., kgs., works. lb. 1.80 - 2.00

Synthetic Resins

and other

Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the March 2 issue; the next printing will be in the April 6 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market which begins on page 35.

Oil, Paint and Drug Reporter

Founded October 18, 1871, by William O. Allison.

Published every Monday by Schnell Publishing Company, Inc.:—Harry J. Schnell, President and Treasurer; Wm. Stuart Auchincloss, Vice-President and Secretary; Hugh Craig, Vice-President; Burr Price, Vice-President; A. L. Koch, Assistant Secretary. Address 59 John Street, New York, N. Y., U. S. A. Telephone REctor 2-9820. Cable Address Reporter New York.

Incorporating the Drug, Paint and Oil Trade, The New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers Journal, the Oil and Paint Review, and International Petroleum Reporter.

Annual subscription rates including postage in the United States and possessions, Cuba, Mexico, Central America, and South America, $5.00; Canada and Newfoundland, $7.00; other countries, $10.00; single copies, 25 cents each.

Member of Audit Bureau of Circulations.

Entered at the Post Office at New York as second-class matter January 15, 1884, under the act of March 3, 1879.

Copyright, 1941, by Schnell Publishing Company, Inc.

Vol. 141 March 30, 1942 Number 13

Getting Into War Work

War work or no work must inevitably be the lot of many business enterprises: war's demands will leave neither men nor materials for the maintenance of these enterprises in their customary operations. They have been pertinently and well advised by a WPB official to "get out of business before you lose your money." That may sound like interference with one of the primary freedoms; but its wisdom is clearly indicated in many trends.

It must be recognized that some plants cannot practicably be adapted to war production. The possibilities of participating in war work are not, however, so slim as they are popularly believed to be. This belief stems from ignorance of how to go about getting a share. WPB is trying to provide enlightenment in that regard. It has for some time been getting out a weekly *Contract News* at New York, with lists of bids to be opened, subcontractors wanted, facilities available, and other information on what is to be done in the line of war work. Under a scheme tried out in Indianapolis and shortly to be tested in Chicago, prime contractors list work they have to be done by parts needed and by machines required, and tell what production schedule is desired. This information is coded and listed alphabetically for consultation by subcontractors.

The records are full of the profitable experiences of many who have followed where such information pointed. These have had initiative, adaptability, courage.

Information on what is wanted to keep the war production schedule on time—and these wants are big and broad—can be got by keeping in touch with a WPB regional contract information office. More than a hundred of these have been set up. They are located in all parts of the country. These offices work fast, telephoning being preferred to writing, all over their respective communities. To know them and to use them may mean the difference between getting a share of war work and having no part in any work. A list of these contract information offices will be found on page 3.

In War Work and Out

In its more or less desirable efforts to save small business from the havoc of war, Congress has got around to an idea that has some constructive promise. This idea indicates that the saving of small business merely out of sympathy for its lack of sizable facilities of one or another or many kinds has been abandoned, and the criterion of deserved salvation is laid on the pattern of service in war work. Congress now would create another war plants board for small business and fund it for subcontracting functioning which would include the financing, more or less, of subcontractors.

It cannot be proclaimed, however, that Congress has hit upon a satisfactory or even a workable solution of the problem of small business, even though it is following a general pattern submitted by the WPB chief. Although there is a popular saying that most failures in small business are caused by lack of funds, more than money is required to fit most businesses for war production: much, in truth, is necessary which can by no means be provided, without consequences which would be costly, if not disastrous. No manner of padding can make a square peg fit a round hole with the precision necessary in all things which have to do with war.

Small business will be a whole lot better off if it forgets there is a political penchant for subsidizing those who are numerous and proceeds to work out a program of its own salvation with its own money and with such materials, men, methods, and markets as it can contrive. To the extent that it can practicably and efficiently be fitted to the needs of war, small business, the same as large business, can well make use of governmental financial assistance. Beyond that, there can be no question that its survival will best be worked out by itself. An orphan usually comes out better than a stepchild.

BUY BONDS FOR VICTORY

Government Favors Bind

There are experiences of many over recent years from which business, big as well as small, can draw all that is necessary to convince it that, as has been preached in these columns for a decade, to the extent that the affairs of business are allowed, through neglect or through apparent need, to get into the hands of government, to that extent at least business soon or late will suffer from lack of freedom of choice and action. A "beautiful" example of this is now being presented in the matter of NYA and CCC.

When those two governmental agencies were set up to take care of needs of youth neglected by their elders, much praise was bestowed upon the creators. The ideas were acclaimed as good—as the best of all the better things undertaken in the building of the more abundant life out of the less abundant production. On the face of things, that praise was well deserved. But, the economic theory of the scheme was the reverse of that which had made the people of the United States and their businesses strong in self-reliance. These things were, largely because the people as a whole just had to have something and somebody in which they could repose confidence.

The idea, the face value, and the theory of NYA and CCC are no different now than they were at the time of their launching. The need for such things has changed; but, in the history of political practices it has never been recorded that needs take precedence over desires.

The solution of the immediate problem of disposing of NYA and CCC lies in the answer to this question:—"Why were governing politicians allowed to take from private enterprise the economic job of training the upcoming generation?" The ancients had a flock of myths on this subject. None of these relates an escape from invited favor back to *status quo ante* without magical intervention.

BUY BONDS FOR VICTORY

A Coloring Job

There is in the following war message a chance for a big argument by color stylists; but, it states a condition, not a theory, and it lays a challenge for colorists:—

> Your next pair of rubber heels may be available only in black. The rubber heel and sole industry is voluntarily discontinuing the manufacture of tan, red, and other special-colored heels. This will cut dead inventory stocks almost in half. But, more important, black heels give much better wear than colored ones, thereby greatly increasing the amount of wear per pound of rubber used. Consumers will be agreeably surprised at how well a black heel and sole look on a tan shoe.

Can it be said of the paint, varnish, and lacquer industry that it will not be prepared to provide shoemakers, cobblers, and the general public with a decorative coating which will afford a wide choice of colorings for rubber soles and heels also, functioning protectively, add still more to the life of these necessary appliances?

BUY BONDS FOR VICTORY

Push for Production

April 1 marks the beginning of the WPB campaign of preparation in industry by means of coordinated and cooperative efforts of management and labor for the war production drive that must be under full speed by July 1—or else! By the latter date it is expected of business that everyone will have moved himself or been moved from the road in front of the war production machine either to a pushing place at the machine or to a retreat of innocuous desuetude.

The WPB chief has made it unmistakably plain that his management-labor committees are not an experiment in economic sociology; that they are not designed to give labor a share of management's basic duties or to require management to pitch in at labor's job. He asseverates that his purpose is primarily, singly, and finally to put war production on a 100-percent basis and to keep it there.

Some talkers in labor and in management are puzzling over how the WPB cooperative plan will fit in with the ideas of the former with respect to pay and those of the latter with respect to profit. These shortsighted, narrow-minded folk are much in the minority, on both sides. Because of the attention their noise attracts, it is probable that their number will steadily decrease. The public, and even Congress, is getting farther and farther out of humor with the idea that the war is an opportunity for any private promotion at public or private expense. It will not supinely accept profiteering either in dividends or in wages; nor will it countenance any pushing around by one or the other.

INDUSTRIAL PRODUCTS BY FERMENTATION PROCESSES

NOAH has received credit for one of the earliest recorded chemical discoveries. He found that under some conditions grape juice underwent a change and the resulting product, when imbibed, produced a pleasant physiological effect entirely different from that which the original juice gave. Unfortunately, as a result of continuing his testing "not wisely but too well", he has received some undesirable notoriety.

It was also observed at an early date that sometimes fruit juices underwent another type of change which resulted in the development of sourness. Milk was also found to become sour on storage. Since the resulting products found practical use, empirical methods of regulating these alterations were developed.

Not until the investigation of Pasteur was it recognized that these changes were due to the growth of various microscopic organisms. It had been noticed earlier, however, that the development of visible organisms, termed molds, also resulted in changes of the medium on which they grew.

Since Pasteur a large number of experimenters have developed methods not only of preventing, but also of encouraging, the growth of these organisms, both visible and microscopic. Others have studied the chemical changes brought about by them. It is now recognized that these reactions are similar to, or in many cases the same as, those occurring during the development of a fruit or vegetable and are natural vegetative processes.

As a result of some of these researches a considerable variety of products of industrial importance is now being manufactured by the careful cultivation of a number of these organisms. Since this is a comparatively new field, it can safely be assumed that with time the number of compounds produced by such methods will be greatly enlarged. The probability of this is increased by the fact that the raw materials for such processes are generally of American agricultural origin, thus removing any dependence on foreign products.

Chas. Pfizer & Co., Inc. has been one of the leaders in this field and is at present producing Citric Acid, Gluconic Acid, Fumaric Acid, and Oxalic Acid by such methods. From these acids a wide variety of derivatives is being manufactured. A well-trained research staff is engaged in the improvement of present processes and in the development of new products. Results in many of these latter investigations indicate that products of possible importance in a variety of fields will in time be made available.

PFIZER QUALITY

MANUFACTURING CHEMISTS • ESTABLISHED 1849

CHAS. PFIZER & CO., INC.

81 MAIDEN LANE, NEW YORK • 444 W. GRAND AVE., CHICAGO

Manufacturers of
COPPER OXIDES
ROBERT A. COUPE, 260 Rhode Island Ave., Pawtucket, R. I.
Telephone PErry 3354

FINEST QUALITY
BICARBONATE OF SODA
SAL SODA (Carbonate of Soda Crystals)
MONOHYDRATE OF SODA
CHURCH & DWIGHT CO., Inc.
70 PINE STREET Phone Digby 4-2181 NEW YORK CITY

CHEMICALS Phibro METALS · ORES
BORAX
ZINC SULPHATE
(1 mol. – 36% zinc)
SODIUM FORMALDEHYDE SULPHOXYLATE
TRISODIUM PHOSPHATE
Philipp Brothers, Inc.
Boston 70 Pine Street, New York Providence

SODIUM SULPHIDE
BARIUM CARBONATE
BLANC FIXE
BARIUM OXIDE
BARIUM CHLORIDE
BARIUM PEROXIDE
BARIUM HYDRATE
Manufactured by
BARIUM REDUCTION CORPORATION
OFFICE AND WORKS: SOUTH CHARLESTON, W.VA.

INDUSTRIAL CHEMICALS
AMERICAN-BRITISH CHEMICAL SUPPLIES, Inc.
180 MADISON AVENUE, NEW YORK
Telephones: AShland 4-2265 and 4-2266

Heavy Chemicals

General Demand Fails to Show Improvement — Most Sellers Absorbing Higher Freight Costs of Less Car Lot Quantities —Lead Acetate Up — Barium Chloride Higher

Business in the market for industrial chemicals lacked improvement during the week. The termination of the first quarter led some manufacturing consumers to curtail shipments for inventory purposes. However, the volume for the week continued to run above the same period a year ago, despite the conversion activities in certain basic industries.

The market recorded a few price changes as a result of the recent freight rate increase. Indications were that the prices for less car lot shipments in a number of instances will remain unchanged, with producers absorbing the increased freight rather than revising schedules. Especially was this trend evident in cylinder anhydrous ammonia and chlorine shipments, as well as in less car lot shipments of caustic soda. What action is to be taken on car lot or tankcar quantities priced on either a freight equalized or delivered basis had not been definitely decided as the week came to a close.

Paper production, as a percentage of six-day capacity was 102.3 percent in week ended March 21, according to the American Paper and Pulp Association. This compares with 102.3 percent in the previous week and 91 percent a year ago.

Alum:—Business was good. Prices held firm.

Ammonia, Anhydrous: — Demand continued commensurate with supply. Indications were that recent freight rate increase would be absorbed on cylinder shipments.

Ammonia, Agua:—Demand termed excellent. Indications were that schedule would not be changed as a result of the recent general freight rate increase, the feeling being that producers would absorb it.

Ammoniac, Sal: — Shipments to usual sources good. Firm tone in both gray and white materials.

Antimony:—Price request from Office of Price Administration asked that no sales be made at more than 14½c. per pound for bulk car-lot quantities, on basis of f.o.b. works. Less than car-lot quantities to distributing points take ¼c. per pound higher for 10,000 to less than carload; ½c. per pound for 9,999 pounds down to 224 pounds and 2c. per pound for 223 pounds and less.

Antimony Oxide:—Trade awaiting developments reflecting suggested ceiling for metal. Demand good.

Arsenic:—Business along good lines. Prices firm.

Barium Chloride:—Prices for Zones 1, 2 and 3 upped 50c. per ton and Zone 4 higher by $1.80 per ton. Advance attributed to higher freight rates. Prices effective April 1.

Bleaching Powder:—Demand sufficient to give market a decidedly firm appearance. No change noted in prices.

Calcium Chloride:—Demand reflected seasonal influences. Prices firm. No word as to what action, if any, would be taken as a result of general freight rate increase.

Carbon Tetrachloride: — Excellent buying movement. No change in price structure.

Chlorine:—Cylinder price schedule to remain unchanged, with producers absorbing increased freight charges. Demand equivalent to production.

Copper: — Domestic copper price hovering around 12c. per pound delivered Connecticut Valley. Export at 11¾c. per pound f.a.s. New York.

Copper Sulphate: — Broad buying movement reflected seasonal requirements. Price unchanged.

Fluorspar:—Shipments called excellent. Prices were $33 per ton for No. 1 ground in bulk cars; $36 per ton in bag car lots; washed gravel, 85 and 5, $25 per ton and No. 2 lump, $24 per ton.

Lead Acetate:—Price advanced 75c. per 100 pounds. Increase, effective April 1, due mainly to higher freight rates.

Phosphorus:—Heavy buying. Prices same as in preceding period.

Potash Chlorate:—Explosives and match industries take representative quantities. Tone continues firm.

Potash Permanganate: — Business good. No developments in market pricewise.

Soda Ash:—Business of a volume sufficient to give market a decidedly firm tone. No action taken on schedule as a result of freight rate increase.

Price Changes

Advanced

Barium chloride, 50c. to $1.80 per ton.
Lead acetate, 75c. per 100 lbs.
Soda nitrite, Pacific Coast, 65c. per 100 lbs.
Sulphur, refined, 25c. per 100 lbs.
Zinc sulphate, crystals, 20c. per 100 lbs.
flake, 30c. per 100 lbs.
powder, 45c. per 100 lbs.

Reduced

None

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
170.2	170.1	170.1	158.2

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	101.6

Market news that may have developed after this report was sent to press will be found on page 4.

Manganese

A program has been developed to process low-grade domestic manganese ores to release this country's dependency on the imported material. The Bureau of Mines will work in cooperation with industry to develop the program. More than 90 percent of manganese used in American steel making has been imported principally from Southeastern Asia, Brazil and Cuba. Supplies in the United States is sufficient to cover immediate needs only.

The domestic program provides for eight mills, three hydrometallurgical plants. All plants are expected to be in operation within a year. Congress has appropriated $2,000,000 for development work. A minimum of 526,000 tons of metal annually is provided for in the program with a maximum of about 560,000 tons.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 9

Association Meetings:—

American Assn. of Textile Chemists & Colorists, Council & Research Committee, N. C. State College, Raleigh, N. C., April 18.

American Chemical Society, Memphis, Tenn., April 20 to 24.

American Society for Testing Materials, Memphis, Tenn., annual meeting, June 22 to 26.

Hypophosphites **Hexylresorcinol** **Hexamethylenetetramine**

Cresylic Acid

WILLIAM D. NEUBERG COMPANY
Chemicals
GRAYBAR BUILDING · 420 LEXINGTON AVE.
NEW YORK, N. Y.
TELEPHONE LEXINGTON 2-3324

Solvent Ether

Phenacetin **Chloroform** **Glycerophosphates** **Butyl Acetate**

NOW Available For Immediate Delivery

PITTSBERG POTASSIUM METABISULFITE

$(K_2S_2O_5)$

GUARANTEED 55% AVAILABLE SO_2

Crystalline form, pure white in color, packed in 100 lb. solid fibre kegs and 300 lb. sealed drums.

PITTSBERG Chemicals

WRITE OR WIRE FOR FULL INFORMATION AND QUOTATION:

PITTSBERG CHEMICAL COMPANY
3200 EAST 26TH ST., VERNON, CALIF.

Other Pittsberg Products:
Refrigerants (Methyl Chloride, Methylene Chloride, Sulphur Dioxide, Kinetic Chemicals, "Freon 12") • **Sulphur Dioxide** (commerical) • **Sodium Bisulfate** (granular) • **Hydrobromic Acid, Methyl Bromide.**

HENRY SUNDHEIMER, INC.

SODIUM SILICO FLUORIDE
AMMONIUM SILICO FLUORIDE
MAGNESIUM SILICO FLUORIDE
ZINC SILICO FLUORIDE
▼
HYDROFLUOSILICIC ACID 30%
▼
SODIUM BIFLUORIDE
AMMONIUM BIFLUORIDE
▼

Inquiries solicited from consumers and exporters desirous of securing their supply direct from manufacturers' agents.

103 PARK AVE.
NEW YORK, N. Y.
ASHLAND 4-4817-8

Soda, Caustic:—Substantial quantities moved against contracts. Prices unchanged. Although no action has been taken as yet, indications were that the less than carload freight rate increase would be absorbed by manufacturers.

Soda Chlorate:—A good call reported. Seasonal requirements were being gauged. Prices firm.

Soda Fluoride:—Demand beyond actual production. Prices firm.

Soda Phosphate:—Demand tapered off somewhat. There was little to report, with supplies more than adequate. Prices unchanged.

Soda Nitrite:—General freight rate increase brought about an advance in Pacific coast prices. Now quoted on the basis of $8.65 per 100 pounds. Price effective April 1.

Soda Silicofluoride:—Demand slackened. Prices steady.

Sulphur, Refined:—Prices starting April 1 were set to be 25c. per 100 pounds higher for second quarter deliveries. Prices effective April 1.

Zinc Sulphate:—Prices for crystals advanced 20c. per 100 pounds; 30c. per 100 pounds on flake and 45c. per 100 pounds on powder. Prices to take effect April 1.

Acids

Business in the acid section of the market presented little variation from preceding period. Contract commitments continued along heavy lines for the most part of the week. Pricewise the market manifested a steady to firm tone.

Acetic.—Demand continued good. Prices firm.

Boric.—Interest termed fair. No change in prices.

Chromic.—Demand slackened and prices were firm.

Lactic.—Nothing new. Quotations unaltered.

Muriatic.—Sizable inquiry, being contract commitments. Prices firm.

Nitric.—Favorable buying wave. Prices steady.

Sulphuric.—Call irregular at times during week. Producers adhering to schedule.

Baltimore, Mar. 26.—The market for sulphuric acid is unchanged at $14.13 per ton for 60 degree; $17.83 per ton for 66 degree, and $17.83 per ton for 98 percent. In other words, the output has risen above the absolute requirements of filling contracts, and the situation is easier. In this connection it may be mentioned that the new plant opened here for the production of oleum is realizing the calculations of the engineers and turning out the estimated 200 tons a day, the nominal quotations on which is approximately $19 per ton. Despite an advance in the freight rates on sulphur which has just been made, there is no talk about an advance in acid prices just now.

Insecticides

The more favorable weather brought about a sizable inquiry in the market for insecticides and fungicides. Indications were that the season's total would surpass recent preceding years. Interest was shown in the broadening of the Japanese beetle quarantine area by the Department of Agriculture. This section of the market was without price feature.

Calcium Arsenate.—Shipments assumed broader proportions. Price situation unchanged.

Lead Arsenate.—Demand irregular, but total for week reached tonnage. Price unchanged.

Paradichlorobenzene.—Supplies not too plentiful. Firm price tone.

Resale Markets

The resale market dragged throughout another week. Activities in this direction have been curtailed over the past few weeks by the narrowing of countries to which exporters find it possible to ship, together with the setting of price ceilings on a number of speculative items. Prices last week were said to approximate the following:—Soda fluoride, 15c. per pound; potash permanganate, 70c. to 80c. per pound; nickel salt, 13½c. to 15c. per pound; copper sulphate, 6c. to 6¼c. per pound; soda bicarbonate, $2.65 per 100 pounds.

- - - —V- - -

Glidden Buys N.J. Tract

The Glidden Company, paint manufacturer, Cleveland, has purchased a 5-acre tract in Hillside, N. J., for the erection of a $250,000 plant.

Antimony Increase Approved by OPA

—Continued from page 5

industry and a careful analysis of all cost and profit factors has been made. OPA's findings revealed justification for an increase in price because of the need of stimulating substantial increases in imports of foreign ore, which constitute more than 90 percent of the supply.

The industry was also requested not to exceed the following prices on other grades:—15 cents per pound for 99.8 percent antimony metal and above, maximum aresenic impurity to be no more than .05 percent and no other single impurity to be in excess of .1 percent; and 14½ cents per pound for antimony metal grading under 99.0 percent. An additional charge of one-quarter cent per pound may be made for any of the named grades, when packed in cases or boxes.

For antimony metal, which is sold in less than carload lots, the price per pound delivered to the consumer in less than carload lots has been established as the applicable carload price, plus carload freight per pound to the distributing point, plus an additional charge as indicated:—10,000 pounds to less than a carload, ¼c. per pound; 9,999 pounds down to 224 pounds, ½c. per pound, and 223 pounds and less, 2c. per pound.

- - - —V- - -

Japanese Beetle Quarantine Broadened

—Continued from page 7

beetles were found in these sections by scouts in 1941.

That part of the regulated area from which the movement of fruits and vegetables is under regulation, the more heavily infested area has been extended to include additional districts in Anne Arundel and Baltimore counties, Md., and in Berks, Cumberland, Lehigh, Northampton and York counties, Pa., Charlottesville, Va., is now included with Toledo, Ohio and Winchester, Va., as isolated regulated points to which fruit and vegetable shipments via refrigerator car or motor-truck may move only under certification.

Shippers of cut flowers located within the regulated area, but outside the heavily infested part, now are not required to obtain certification for their shipments. Soil-free rooted cuttings and fresh manure are exempt from certification under current regulations.

- - - —V- - - —

Victor Chemical Operating At Capacity Levels

Factories of the Victor Chemical Works are operating at capacity to supply chemicals both for military use and civilian consumption, August Koch, president, told stockholders. Sales for the first two months of 1942 showed an increase over the similar period a year ago, he said. J. H. Parson, Pasadena, Cal., has been elected to the directorate, following a vacancy caused by the resignation of D. H. Read.

STAUFFER CHEMICALS

CAUSTIC SODA

and

BORAX
BORIC ACID
CARBON BISULPHIDE
CARBON TETRACHLORIDE
CITRIC ACID
CREAM OF TARTAR
LIQUID CHLORINE
SILICON TETRACHLORIDE
STRIPPER, TEXTILE
SULPHUR
SULPHURIC ACID
SULPHUR CHLORIDE
TARTARIC ACID
TARTAR EMETIC
TITANIUM TETRACHLORIDE
WHITING

PACIFIC COAST PRODUCTS

SULPHATE OF ALUMINA : COMMERCIAL MURIATIC ACID
COMMERCIAL NITRIC ACID : COPPERAS : SUPERPHOSPHATE
NITRATE OF POTASH

Stauffer

Stauffer Chemical Co.

420 LEXINGTON AVE., NEW YORK, N. Y.
230 NO. MICH. AVE., CHICAGO, ILL.
624 CALIFORNIA ST., SAN FRANCISCO, CAL.
555 SO. FLOWER ST., LOS ANGELES, CAL.
424 OHIO BUILDING, AKRON, OHIO
FREEPORT, TEXAS APOPKA, FLORIDA

BARIUM PEROXIDE

BARIUM AND CHEMICALS, Inc., Willoughby, Ohio

Successors to The J. H. R. Products Co.

SULPHUR
GROUND AND SOLD

Commercial flour, dusting sulphur, wettable sulphur, rubbermakers' sulphur . . . All crude sulphur used is 99½% pure.

WRITE OR WIRE FOR QUOTATIONS . . . DOMESTIC OR FOREIGN

DOUGLASS SULPHUR CO.
P.O. BOX 231 HOUSTON, TEXAS

Welch, Holme & Clark Company, Inc.
565 Greenwich Street
New York

OILS, FATS and CHEMICALS

BORAX, Technical, Powd. and Gran.
GLAUBER SALT, Cryst. and Anhyd.
UREA, Crystal, Technical.
SUNFLOWER OIL, Edible.

METOL

Sole Licensee — Registered Trade Mark

TANNIC ACID, U.S.P. and Technical

GALLIC ACID, U.S.P. and Technical

ZINSSER & CO., Inc., HASTINGS-ON-HUDSON NEW YORK

THE ENEQUIST CHEMICAL CO.

INDUSTRIAL CHEMICALS

DRUGS — OILS — WAXES

ANHYDROUS GLAUBER SALTS

ENEQUIST CHEMICALS QUALITY

251 Freeman Street Brooklyn, N. Y.

POTASSIUM METABISULPHITE

POTASSIUM FERRICYANIDE

(Red Prussiate of Potash)

MANUFACTURED BY

PHILIP A. HUNT COMPANY

ESTABLISHED 1909

Brooklyn, N. Y. Chicago, Ill.
Cleveland, Ohio Cambridge, Mass.

AMCON

GREEN ACID

WATER SOLUBLE

PETROLEUM SULPHONATE

Available in Carloads or Less

AMCON TRADING CORPORATION

29 Broadway New York, N. Y.

SODIUM SILICO FLUORIDE

W. B. LAWSON, INC.

Merchants—
Manufacturers' Sales Agency
UNION COMMERCE BUILDING
CLEVELAND • OHIO

W. B. Lawson

Oldbury
Electro-Chemical
Company

PHOSPHORIC (U.S.P.) ACID

•

PHOSPHORUS OXYCHLORIDE

•

PHOSPHORUS PENTACHLORIDE

•

PHOSPHORUS PENTASULFIDE

•

PHOSPHORUS TRICHLORIDE

Plant and Main Office:
Niagara Falls, New York

New York Office:
22 East 40th Street, New York City

R. W. Greeff & Co. Inc. RWG New York, U.S.A.

SODIUM SULPHIDE

(60-62%)

Fused

Flaked

Manufactured by
Titanium Division of National Lead Co.

R·W·GREEFF & CO.

10 ROCKEFELLER PLAZA,
NEW YORK CITY

Scientific and Professional Services

Alexander, Jerome
Consulting Chemist and Chemical Engineer
Especial experience in colloid chemistry and its applications. Representation for Patents, Processes, Products and Apparatus. Research Advice, Investigations, Expert Testimony.
50 East 41st Street New York City
Member:—Association of Consulting Chemists and Chemical Engineers

ASSOCIATION OF CONSULTING CHEMISTS AND CHEMICAL ENGINEERS, INC.
Organized to advance the science and practice of consulting chemistry and chemical engineering.
The membership, located from coast to coast, includes highly qualified specialists from all branches of the profession.
For Expert Consultants Address the Association—50 E. 41st St., NEW YORK, N. Y.
LExington 2-1130 *Room 82*

Philip B. Hawk, Ph.D., Pres. Bernard L. Oser, Ph.D., Dir.
FOOD RESEARCH LABORATORIES, INC.
48-14—33rd Street, Long Island City, N. Y.
Research — Consultation — Testimony
FOODS — DRUGS — COSMETICS
SPECIALIST IN VITAMINS
Members Association of Consulting Chemists and Chemical Engineers
Write for "Science at Your Service"

Chemical Engineers—
Representation on this page would result in inquiries and business. We have a special rate for professional cards. May we quote it to you?
Oil, Paint and Drug Reporter 59 John Street, New York, N. Y.

Charles H. LaWall—1871-1937 Joseph W. E. Harrisson
LaWALL and HARRISSON
Pharmaceutical and Chemical Research. Biological Assays. Pharmacological Studies in association with Clinical Tests. Routine Drug and Food Control.
214 So. 12th Street Philadelphia, Pa.

Est. 1865
W. S. PURDY COMPANY, Inc.
TESTING AND CONSULTING LABORATORIES
PETROLEUM FUELS ASPHALTS COAL
WAXES GREASES FATS COSMETICS
PAINTS SOAPS TEXTILES
118 Water Street, New York HAnover 2-8778

SADTLER, SAMUEL P., & SON, Inc.
RESEARCH AND ANALYTICAL CHEMISTS
We will show you how to adapt available commodities to replace those now difficult to obtain.
210 South 13th Street Philadelphia, Pa.
"Nothing Pays Like Research"

Bureau of Chemistry
New York Produce Exchange
H. P. Trevithick, Ph.B., B.S.
2 Broadway New York
Cottonseed Oil, Oils, Greases, Soaps, Turpentine, Glycerine, Cattle Foods, Spices, Chemicals, etc.
Consultation—Research.

COLLAPSIBLE TUBE FILLING
PRIVATE BRANDS
SHAVING CREAM
DENTAL CREAM, TABLETS
LUBRICANTS, OINTMENTS, ETC.
Full Manufacturing Facilities
DAY CHEMICAL COMPANY
70-72 Marshall St., Newark, N. J.

W. H. DICKHART
CONSULTING & ANALYTICAL CHEMIST
OILS, FATS, FOODS, DRUGS
Official Chemist for the New York Mercantile Exchange and Olive Oil Assn. of America
6 HARRISON ST., N. Y.
Phone WAlker 5-3846

J. Ehrlich, Ph.D.
CONSULTING CHEMIST
153 South Doheny Drive
Beverly Hills, California
ORGANIC SYNTHESES
Fellow of the American Institute of Chemists

Ellis-Foster Company
Established 1907
Research and Consulting Chemists
Specializing in Synthetic Resins and their Plastics and Related Subjects.
4 Cherry Street Montclair, N. J.
Telephone—Montclair 2-3510

ANTI-KNOCK VALUE DETERMINATIONS
The Gray Industrial Laboratories
Chemists and Engineers
Specialists on Petroleum Products
961-975 Frelinghuysen Ave., Newark, N. J.
Telephone: BIgelow 3-4820

Horace J. Hallowell
Consulting Chemists
Analyses and reports made in all branches of industrial chemistry—soils, minerals, iron, alloys, fuels, beverages, drugs, pharmaceuticals, cosmetics, etc. Investigations and research. Formulas developed.
323 Main Street Danbury, Conn.

DRAWBACK SPECIALISTS
Refunds of duty on materials used in exported products.
C. J. HOLT & CO., INC.
8-10 Bridge Street New York, N. Y.
Phone BOwling Green 9-6841

INDUSTRIAL CONSULTING LABS. Inc.
Analytical and Consulting Chemists
PAINTS, VARNISHES, ENAMELS AND ALLIED PRODUCTS
128 Water Street HAnover 2-1999

Knight, B. H.
Analytical and Consulting Chemist
50 East 41st Street
OFFICIAL ANALYST
U. S. Shellac Importers Assoc.
Am. Bleached Shellac Mfrs. Assoc.

Laning Company, E. M.
Specializing in Perfumes, Toilet Preparations, Pharmaceuticals and Flavors. Formulas perfected. Problems solved. Labels and Circular Matter revised to comply with the new Food, Drug and Cosmetic Act.
433 Stuyvesant Ave., Irvington, N. J. Phone ES. 2-8433
E. M. Laning, B. Sc., Manager.

Molnar Laboratories
Clinical Studies Research Bacteriology
New Drugs Analysis Legal Testimony
211 East 19th St. New York, N. Y.
GRamercy 5-1030

Munch, James C., Ph.D.
Consultant and Laboratory Service
New and Old Drugs
Bioassays
Pharmacology
Clinical Studies
Special attention to Priorities Problems
306 South 69th St. Upper Darby, Pa.

Orthmann Laboratories, Inc.
AUG. C. ORTHMANN, Director
Specialists in Leather and Allied Industries.
Consulting, Analytical and Research.
847 W. Virginia Street, Milwaukee, Wis.

John E. Raisch & Co.
OFFICIAL and LICENSED WEIGHERS, SAMPLERS and INSPECTORS, CARGO SUPERVISORS and CONTROLLERS.
Licensed by N. Y. Cotton, N. Y. Cocoa, N. Y. Coffee and Sugar, Commodity and N. Y. Produce Exchanges.
45 Moore Street New York, N. Y.
Tel. BO. 9—4644-4645

Leather - Tanning Materials - Furs
SAMPLING, ANALYSES, RESEARCH, CONSULTATION FOR LEATHER, FUR AND ALLIED TRADES
THE REED-BLAIR LABORATORIES
143-145 West 20th Street New York
Tel. CHelsea 2-3526-27

SCHWARZ LABORATORIES, Inc.
Analysts — Biologists — Consultants
BEVERAGES, OILS, FOODS, WATER, VITAMIN DETERMINATIONS
202 East 44th Street New York, N. Y.
MUrray Hill 2-0007

Seil, Putt & Rusby, Inc.
H. A. Seil, Ph. D., Earl B. Putt, Ph. D., R. Ss
Analytical and Consulting Chemists
Drugs, Spices, Essential Oils, Flavoring Extracts, Foods, Beverages.
Phone MUrray Hill 3-6368.
16 East 34th St. New York City

Foster D. Snell, Inc.
Our staff of chemists, engineers and bacteriologists with laboratories for analysis, research, physical testing and bacteriology are prepared to render you Every Form of Chemical Service
303 Washington Street Brooklyn, N. Y.

Stillman & Van Siclen, Inc.
Chemical and Testing Engineers
Tests, Inspection and Supervision of Benzol, Toluol, Xylol, Tars, Pitches, Asphalts, Road Oils and all other Coal Tar and Petroleum Products.
Telephone: LOngacre 5-5260-5261
254 W. 31st Street New York, N. Y.

Stillwell & Gladding Established 1862
Analytical and Consulting Chemists
Oils, Soaps, Fats, Paints, Varnishes, Drugs, Gums, Foods, Glycerin, Turpentine, Waxes, Spices, etc.
Member Association Consulting Chemists and Chemical Engineers
130 Cedar Street New York

Roger W. Truesdail, Ph.D., President — William R. Bergren Ph.D., Director of Research
TRUESDAIL LABORATORIES INC.
Chemists and Bacteriologists
Authentic VITAMIN and PHARMACEUTICAL Assays and Research
520 W. Ave. 26 Los Angeles

Weiss & Downs, Inc.
CONSULTING ENGINEERS
SYNTHETIC PHENOL
50 East 41st Street, New York, N. Y.

Wiley & Co., Inc.
Analytical and Consulting Chemists
Specializing in analysis of beverages, fertilizers, phosphates, wood pulp, coal and coke, feeding materials, etc.
Calvert and Read Streets, Baltimore, Md.

In these days of exiguous supply of heretofore necessary materials, there is a bigger-than-ever need in all kinds of enterprises for special, expert advice and assistance for the finding of materials which will carry a process or a formula from the heretofore to the now. Perhaps the finding of another process or formula is called for. That sort of thing—finding this-day materials, processes, or formulas—is what the scientific and professional services adjacently offered are to be consulted for.

Obituaries

Birdsey L. Maltbie

Birdsey Lucius Maltbie, founder and Chairman of the Board of The Maltbie Chemical Company of Newark, N. J., died in his home in Atlamonte Springs, Fla., March 24, 1942, after an illness of several months. He was seventy-eight years old.

Born in Cattaraugus, N. Y., Mr. Maltbie began his life work at an early age in his father's drug store. He was graduated from the Albany College of Pharmacy in 1885 with highest honors. For a few years after graduation he was employed in some of the leading drug stores of western New York as prescription pharmacist. In 1888 he began in a small way the manufacturing business which later, in connection with his brother, Ralph H. Maltbie and a few old family friends, was incorporated as The Maltbie Chemical Company and soon thereafter was located at Buffalo, N. Y. The company was moved from Buffalo to Newark, N. J., in 1905. Mr. Maltbie was president of the company until 1927, when he retired and became chairman of the board. He had previously made his permanent residence in Florida where he was active in civic affairs and mayor of the city for several years and prominent in its development and the surrounding country.

He was the author of *Maltbie's Practical Pharmacy*, a text book of wide use among pharmacy students and editor of a number of other publications. Mr. Maltbie only recently donated funds for the erecting of a museum to house a large collection of shells donated by Dr. James A. Beal. Mr. Maltbie was a charter member of the American Pharmaceutical Manufacturers Association which was formed in 1910, elected secretary-treasurer in 1914, president in 1915 and again in 1916, and has been a director and member of the advisory council ever since, as well as chairman of many important committees.

Herman Elisha Brown

Herman Elisha Brown, widely-known chemical engineer, died in his home in Highland Park, N. J. He was seventy-three years of age.

Mr. Brown taught chemical engineering at the University of Michigan for four years following his graduation from that institution in 1896. In 1907 he opened offices in New York as a consultant, specializing in bacteriological chemistry, and two months ago organized Brown Laboratories, a firm intended for the manufacture of iodine compounds.

Surviving are two sons and five daughters.

C. Walter Lotte

C. Walter Lotte, president of the Lotte Chemical Company, Paterson, N. J., died in a hospital there March 20. He was forty-seven years of age.

A native of Paterson, Mr. Lotte graduated from Bucknell University in 1914 and received his M. A. in 1920. He served as a captain overseas during World War 1. Mr. Lotte was on the directorate of the National Silk Dyeing Company, Paterson, from 1923 to 1930, and had also been manager of the company's Dundee plant. He resigned from the National Silk Dyeing in 1930 to head the Lotte Chemical.

Surviving are his wife and one son, Walter, jr.

John A. Martin

John A. Martin, assistant director of purchases for the War Production Board and chief of the board's perishable food purchase division, died March 22 in Chicago of injuries received when his car was struck by a train. Before he joined the Office of Production Management in 1940, Mr. Martin was vice-president and general manager of the Wesco Foods Company, subsidiary of the Kroger Grocery & Baking Company, Cincinnati.

George D. Ali, former president of the Standard Vacuum Transportation Company, subsidiary of the Socony-Vacuum Corporation, died in Miami Beach, Fla., recently. He had been with the company for forty-one years.

Oliver M. Diall, president of Krome-Alume, Inc., died in Lockport, N. Y., March 22. He was sixty-four years of age.

Mrs. Hattie H. Gilpin, widow of Henry Gilpin, who headed Gilpin, Langdon & Co., pharmaceutical manufacturer, Baltimore, died in Winchester, Va., March 19. She was eighty-one years of age.

Clifford S. Trotter, president of E. T. Trotter & Co., insulating wax manufacturer, Brooklyn, died in his home of a heart attack last week. He was sixty-five years of age.

Dyestuffs, Textile, and Leather Chemicals

Activity in Sizing and Tanning Materials Shows Broadening Tendency—Supplies of Many Domestic and Imported Chemicals and Dyestuffs Small — General Market Remains Firm

In some branches of the market business showed a tendency to broaden last week. In not a few instances consumers were still disposed to adhere to a conservative course in placing orders for future requirements, but here and there buyers manifested interest in larger quantities than was recently the case, and the volume of inquiries for such lots showed an increase.

The prevailing tone was firm and in some instances the tendency of prices appeared to be upward, although the number of actual advances reported was small. Many products were in light supply on spot, and in the case of imported materials much uncertainty still existed concerning future arrivals.

According to official statistics, consumption of cotton in New England mills during seven months ended with February this year was 751,119 bales, against 612,253 bales in the same time last year. Stocks of cotton in consuming establishments in New England at the close of February were 402,989 bales, against 285,246 bales last year.

Price Changes

Advanced

Albumen, blood, dark, l.c.l., 1c. perlb.
Corn sugar, dlvd., 3c. per 100 lbs.
Starch, corn, dlvd., 2c. per 100 lbs.

Reduced

Tapioca flour, ½c. per lb.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
260.2	259.8	261.5	160.9

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Acetate.—Quotations maintained. Tone firm. Offerings light.

Alumina Chloride.—Offerings limited. Business restricted. Market firm.

Antimony Salts. — Good inquiry. Firm in absence of any increase in offerings.

Potash Bichromate.—Steady movement against contracts. Spot supplies light. Market firm.

Potash Prussiate.—Inquiry active. Spot offerings limited. Quotations nominal.

Soda Bichromate. — Output moving steadily on contracts. Offerings scarce on spot. Market firm.

Soda Prussiate.—Business limited mainly to regular contract consumers. Spot supplies light.

Dyestuffs

Annatto.—Generally in light supply on spot. New crop arrtvals uncertain. Market firm.

Cochineal.—Fair inquiry for spot material. Offerings continued light. Prices maintained.

Fustic.—Steady movement of moderate lots to local and other buyers. Market firm.

Hypernic. — Demand sufficient to give market a firm tone. Offerings light.

Indigo.—Business routine. Offerings limited. Quotations maintained.

Logwood. — Fairly active inquiry from regular consumers. Tone remained firm.

Turmeric. — Stocks small, some quarters being bare of supplies. Quotations mainly nominal.

Blood Albumen

The market for this product was firmer last week, although quotations did not change materially. Demand has broadened recently, however, especially for the soluble dried, which is described by some in the trade as dark blood albumen. This grade is used extensively for plywood lamination, going into airplane construction and ship interiors, as well as for asphalt emulsion for use in building airplane runways and also for the laying out of company streets at army camps.

Consumption has increased to such an extent in recent months that some sellers are unable to keep up with demand for prompt shipments and are taking care of orders in rotation as well as according to the priority rating they bear.

Sizing Materials

Albumen, Blood.—Output moving steadily on contracts. New business good. Supplies light. Market firmer. Quotations on dark in less than car lots advanced one cent.

Albumen, Egg. — Quotations generally maintained at previous levels. Imported scarce and nominal. Increased inquiry for domestic.

Corn Sugar.—Inquiries received in an increased volume. Market firmer. Local delivered prices advanced three cents.

Dextrin, Potato. — Good demand from local and other consumers. Tone remained firm.

Egg Yolk.—Purchasing generally of conservative character. Quotations held at former levels. Market firm.

Sago Flour. — Steady inquiry for moderate lots for prompt shipments. Prices remained firm.

Starch, Corn. — Demand showed tendency to broaden. Steady contract movement. Delivered prices advanced two cents.

Tapioca Flour.—Quotations ranged from 4c. to 7c. per pound, according to quantity. Steady demand from local and outside buyers.

Tanning Materials

Chestnut Bark. — Demand held up well. Quotations maintained. Market firm.

Cutch. — Spot supplies apparently light and diminishing. Future importations uncertain. Quotations mainly nominal.

Divi-Divi.—Colombian firm at recent advance. Stocks generally small. Fair inquiry.

Gambier.—Quiet in absence of offerings. Future supplies uncertain. Quotations nominal.

Hemlock.—Inquiry good. Supplies light and below normal. Prices nominal.

Oakbark.—Offerings still generally limited. Inquiry good. Market firm.

Quebracho. — Inquiries numerous. Future supplies contingent upon shipping. Nominal quotations firm.

Tin content has been reduced in one-cent pieces. The new "penny" has an infinitesimal amount of tin, being about 95 percent copper and 5 percent zinc, instead of 1 percent tin.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 9

Association Meetings:—

American Association of Textile Chemists & Colorists, Council & Research Committee, N. C. State College, Raleigh, N. C., April 18.

American Leather Chemists Association, Deshler-Wellick hotel, Columbus, Ohio, June 1 and 2.

Tanners Council, Waldorf-Astoria, May 7 and 8.

Natural Products Refining Co.
910 Garfield Avenue,
Jersey City, N. J.
Natural
Natural BICHROMATES

DRY COLORS—DYESTUFFS
IMPORT EXPORT
FEZANDIE & SPERRLE, 205 Fulton Street, NEW YORK
Telephones: COrtlandt 7-1460-1461 Cable Address "Fezan", N. Y.

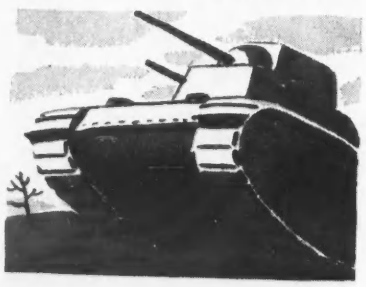
ALBUMENS
In Stock . . . For Immediate Delivery
THE LARGEST MANUFACTURERS AND EXPORTERS OF TECHNICAL EGG PRODUCTS OFFER YOU EGGS, LIQUID OR DRIED, IN ANY FORM FOR EVERY INDUSTRIAL USE.
H. GARTENBERG & CO., Inc.
412 W. PERSHING ROAD CHICAGO, ILLINOIS
Write for Samples and Quotations Cable Address: "GARTEGG"

Turner CHEMICALS
POTASSIUM BROMIDE
SODIUM BROMIDE
AMMONIUM BROMIDE
CALCIUM BROMIDE
JOSEPH TURNER & COMPANY
PROVIDENCE RIDGEFIELD, N. J. CHICAGO

MUTUAL BICHROMATES
BICHROMATE OF SODA
•
BICHROMATE OF POTASH
•
CHROMIC ACID
MUTUAL CHEMICAL CO. OF AMERICA
MUTUAL
NEW YORK, N.Y.
MUTUAL CHEMICAL COMPANY OF AMERICA
270 Madison Avenue, New York City

★ America's all-out Victory Program requires ever-increasing quantities of coal-tar chemicals for which Barrett is a key source of supply—

Toluol for TNT . . . *Benzol* for Tetral . . . *Phenol* for picric acid . . . *Anhydrous Ammonia* for nitric acid and ammonium nitrate . . . *Phthalic Anhydride* for dibutyl phthalate for smokeless powder—also for ship, tank and truck finishes . . . *Hydrogenated Products* to improve performance of lubricating oils . . . *Pyridines* for sulfa drugs . . . *Quinoline* for vitamins . . . *Tar Acids* for plastics, disinfectants and pharmaceuticals...*Rubber Compounding Products* for extending the vital rubber supply . . . *Cumar** for waterproofing tarpaulins, tenting and other military fabrics...*Naphthalene* and *Cresol* for insulating materials for military cable . . .



Because these and other chemicals are so vital to winning the war, we ask the indulgence of our customers in civilian industries if deliveries are delayed. Barrett's vast facilities and 88 years of manufacturing experience are being utilized to keep production at top limits.

★ ★ ★ ★ ★ ★ ★ ★ ★

THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET, NEW YORK

BARRETT CHEMICALS

Tar Acids
Phenols
Cresols
Cresylic Acids
Naphthalene
Phthalic Anhydride
*Cumar (Paracoumarone-Indene Resin)
Rubber Compounding Materials
Bardol*
Barretan*
Pickling Inhibitors
Benzol
Toluol
Xylol
Solvent Naphtha
Hi-Flash Solvent
Hydrogenated Coal-tar Chemicals
Flotation Agents
Tar Distillates
Anhydrous Ammonia
Sulphate of Ammonia
Arcadian* the *American* Nitrate of Soda

*Reg. U. S. Pat. Off.

★ ★ ★ ★ ★ ★ ★ ★

Coaltar Chemicals

Office of Price Administration Succeeds in Freezing Current Prices on Benzol, Toluol, and Xylol to July 1 —Derived Products Stabilized

The event most likely to be of lasting effect on the coaltar market was the announcement, late in the previous week, that the Office of Price Administration had telegraphed makers of benzol, toluol, and xylol to keep the current quotations in effect at least until July 1 next.

The effect of the request was to freeze the quotations that had actually been in effect at least since October 1 last. The telegram actually went to the producers on March 11 and after rehearsing the fact that OPA on December 15 last had frozen October 1 prices by requesting that they be retained for the first quarter of 1942, went on to repeat the request, setting the next limitation date on July 1 next.

The net result of acquiescence on the part of producers and sales agents—the latter also received the OPA request—was to continue the almost total price stabilization of the market in all its several compartments. It also tended to stabilize the prices on many articles far removed from the immediate neighborhood of the coaltar market as such. For example, it meant much to the stabilization of production costs in a fairly large number of aromatic chemicals, some drugs, etc.

Basic Products

Benzol.—OPA requests producers freeze present prices to July 1. Stability secured. Affects most derived products.

Carbazole.—Strong position. Active demand. Prices well held.

Coaltar.—Needs never larger. Stocks taken promptly when tendered.

Creosote Oil.—Demand bracing substantially in strong, active market.

Cresols.—Requirements run to high volume. Strong market.

Cresylic Acid.—War requirements get first call. Every pound allocated promptly. Stable prices.

Price Changes

Advanced
None
Reduced
None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
130.1	130.1	130.1	126.6

Market news that may have developed after this report was sent to press will be found on page 4.

Intermediates

The coaltar intermediate commanding the higest price in in World War No. 1 was metanitroparatoluidine which brought $7 per pound in September, 1918, having risen from $5.50 in October, 1917, when the REPORTER first quoted it.

Today, in the midst of World War No. 2, the highest priced intermediate is paraphenylenediamine at $1.25 per pound—by a quick check of the Prices Current. It was top priced at $3.50 in December, 1918.

Prices for the majority of intermediates today spread between the extreme of 7c. and 70c. per pound. In World War No. 1, the spread was between 15c. and $6. The majority of items today sell between 15c. and $3.

So what? Well, the United States during the past twenty-four or twenty-five years has built a coaltar industry totally self-sufficient for national needs and providing a large, exportable surplus with which to worry the Germans who, prior to World War No. 1, dominated this country completely. That war forced the U. S., to throw off the German yoke forever.

When it was an infant, industry production costs were high. So were sales prices. The infant became a giant that produced huge quantities of coaltar derivatives, sold them within that narrow 7c. to 70c. range, supplied home needs, and exported a surplus.

In World War No. 1, the U. S., exported practically nothing. In 1939 according to the Department of Commerce, exports of coaltar products totaled: 22,022,092 gallons, 10,444 tons, and 66,849 pounds of various materials. The total value of exports was $14,484,246.

Naphthalene.—Demand for refined running high. Crude in light supply. Strong position.

Chicago, March 25.—Coaltar materials steady. Benzol demand good. Prices exclusive of tax are:—Benzol, 90 percent, 15c. per gallon; motor benzol, 9c. to 10c.; toluol, 28c.; 10-degree xylol, 27c.; solvent naphtha, 27c.; creosote oil, grade 1, 15½c.

Hydrogenated Solvents

Cyclohexane.—Active. Demand expanding. Stocks not plentiful.

Cyclohexanol. — Inquiries on new business active. Regular consumers press for prompter deliveries.

Methylcyclohexane. — Conditions change little. Call well sustained. Some tendency toward expansion. Prices firm.

Phenol. — Consumption running close to productive capacity of industry. Prices apparently stabilized.

Pitch, Coaltar.—Consumption kept approximately even with movement in recent weeks.

Pyridin.—No slackening of consuming requirements. Firm.

Tar Acid Oils.—Reserves comparatively low. Certainly no surplus supply exists. Allocation accounting for practically total output.

Toluol.—OPA request freezes recent quotations until July 1 at least. Contributes to price stability of all derived products.

Coaltar Acids

Anthranilic.—Activity tops that in recent weeks. Strong prices.

Benzoic.—Freezing of raw material prices stabilized technical item.

Broenner's.—Demand gathers some strength. Very firm. Prices apparently stable.

Cleve's.—Firm to firmer. Active. No surplus supply.

Gamma.—Trade slightly less pressing. Still very firm market.

H.—Sellers report moderate holdings. Little chance to increase inventories. Prices firm.

Picramic. — Consumer needs strengthen. Stocks no more plentiful. Prices keep stability.

Tobias.—Demand less pressing. Volume still good. Prices maintained.

—Continued on page 33

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 9

Association Meetings:—

American Chemical Society, Hotel Peabody, Memphis, Tenn., April 19-24.

Electrochemical Society, Nashville, Tenn., April 15 to 18.

General Priority Rating Orders Discontinued

—*Continued from page* 3

Through the production plan, the director of industry operations will continue to assign ratings to deliveries of materials for essential uses, but the rating assigned in each case may be used to obtain only a specified quantity of materials or products.

Under the Production Requirements Plan, a company makes a single application for priority assistance covering all of its estimated materials needs over a three-month period. The applicant must submit full information as to his inventories, the end use of his products, etc. Priority ratings are assigned on the basis of such applications to permit producers of products essential to the war effort or minimum civilian needs to obtain specified quantities of materials during a quarter. Interim applications may be filed when a company needs additional quantities of material during the quarter because of increased war or other essential business.

A modified production requirements plan has been developed to meet the needs of small firms whose business is less than $100,000 a year. Such companies may use a simplified application form, PD-25X.

The effect of placing virtually all of American industry, including producers who supply the Army and Navy, under the production plan will be to give the War Production Board closer control of the distribution and use of all scarce materials. The most important raw materials, such as aluminum, copper, steel plates, etc., are already allocated at the producer's level. General use of the production plan will provide control of the flow of these materials down to the level of end products.

Because it would be physically impossible to handle the load of PRP applications if they were to be submitted immediately from all companies in all industries, the changeover from the use of blanket ratings will be continuous over a period of three months, and each industry will be notified as to the date by which the change must be completed.

A considerable number of "P" orders have already been amended to provide that after a specified date, the blanket ratings assigned by such orders will be revoked, and producers who have been using them will have to apply for priority assistance under PRP.

Processing of PRP applications will be handled in cooperation with the appropriate industry and materials branches of the War Production Board in such a way that all companies producing similar products for similar uses will receive uniform treatment.

New limitation or conservation orders will continue to be issued to curtail production by non-essential and less essential industries which still use scarce materials, and to force substitutions for scarce materials wherever possible in essential industries. All ratings assigned under PRP will be subject to such controls.

• • • —V— • • •

Washington Talks It Over

—*Continued from page* 5

be extended from March 31 to June 30. Before the end of June it is quite likely that some entirely new system will be devised for regulating the distribution of these products, for the present order is none too satisfactory in many respects.

The whole thing may be absorbed in the production requirements plan by that time. Meanwhile the order is being supervised by Herbert T. Rosenfeld, new chief of the Safety and Technical Equipment Branch of WPB.

Oilwell Wear and Tear

Oil-State congressmen are confident they have the votes to kill in the ways and means committee the treasury's proposal to eliminate the 27½ percent oil depletion allowance in the revenue laws. Mining-State congressmen will help also; for, while the mineral depletion allowance is less, it is important to miners and the principle is the same.

While the treasury calls it tax avoidance, industry witnesses claim the allowance was granted as a war measure in 1918, worked well in peacetime, and is needed more than ever now because of the necessity of attracting capital to new exploration and development.

Back to Wooden Tubs

A tremendous pinch in steel is imminent, according to those who should know, and WPB orders will soon clamp down on a great many more uses of steel. Every ton that can be taken away from any other use means another ton of shipping or tanks or guns during 1942.

This means, among many other things, a further shortage of steel drums.

Time to Mow the Tires

Farmers can grow their own tires and be independent of synthetic processes, patent tie-ups, and international cartels, according to a plan of Representative Andreson of Minnesota. He reports that at his request the State Department has arranged to get "some" seeds of the Russian kok-sagyz plant—a cousin of the humble dandelion.

Assuming that we can get enough seeds and that they will grow well here and will yield enough sap which will make good tires, farmers in forty-two States can cultivate 7,000,000 acres of Russian dandelions, says Mr. Andreson, and produce all the rubber we need—if the cows or the gophers or some Axis bugs don't eat the posies.

• • • —V— • • •

Metal, Wire Lath Industry Advisory Group Is Formed

OPD Washington Bureau
March 25, 1942

The Bureau of Industry Advisory Committee of the War Production Board, has announced the formation of the metal and wire lath industry advisory committee. J. L. Haynes, chief, building materials branch, is government presiding officer. Among the committee members are:—S. F. Bartlett, U. S. Gypsum Company, Chicago, and Ralph Burley, National Gypsum Company, Buffalo, N. Y.

Coaltar Chemicals

—*Continued from page* 32

Other Intermediates

Alphanaphthol. — Situation continued tight. Nothing available except for regular consumers. Prices firm.

Anilin. — Needs show expanding trend in keeping with war requirements. Civilian needs compressed.

Benzaldehyde. — Prices maintained hard and fast. Reflect frozen position raw material quotations to July 1 next.

Benzidin Base.—Steady undertones. Completely stable demand and prices.

Betanaphthol. — Stock piles low. Consumption taking up production promptly. Quotations show firmness.

Diethylanilin.—Sales totals vary little. Needs defined clearly. Being met with fair promptness.

Dimethylanilin. — Allocation accounts for production even before complete. National needs at high volume. Firm.

Dinitrobenzene. — Contract tenders snapped up promptly. Not an ounce of surplus goods on market.

Dinitrophenol.—Consumption needs could well take up any increase in raw materials available. Real shortage of such exists.

Dinitrotoluene.—Not a trace of slackening in current consuming requirements. Buyers eager to get increased deliveries.

Diphenyl.—Stable prices supported by pressing, expanding demand.

G Salt.—No surplus. Volume output taken up promptly.

Metanitroparatoluidin.—Pace of demand fails to slacken. Active call. Sales policy contributes to price stabilization.

Monochlorobenzene.—Civilian needs take second position. War-born requirements top deliveries from producers. Firm.

Orthoanisidin. — Steady to firm. Tenders taken out promptly. Needs at excellent volume.

Orthochlorophenol. — Demand and actual requirements show not a jot of abatement. Call presses actively,

"Find out what happens when you substitute

ammonium thiocyanate"*

(* Ammonium Sulfocyanide)

If you use an ammonium salt in your process you should experiment with substituting Ammonium Thiocyanate (Ammonium Sulfocyanide). Perhaps you will discover valuable modifications.

Test it in your laboratory in place of the chloride, the oxalate, the acetate, the carbonate or the nitrate.

The variations that occur from the Thiocyanate group might bring interesting and worthwhile results.

Koppers has placed in operation a large commercial plant for the production of Ammonium Thiocyanate crystals and can now offer this chemical in quantity at substantial savings over former costs. Koppers can supply Ammonium Thiocyanate crystals with a minimum purity of 95%.

Test samples, quotations and further information on request.

KOPPERS COMPANY
TAR AND CHEMICAL DIVISION
PITTSBURGH, PA.

strongly. Price stabilization maintained.

Orthocresol.—When allocations are complete, little of production remains. Situation strong and lively.

Orthodichlorobenzene.—Consumers get deliveries on pro-rata basis. Prices very steady. No sign of early shift.

Orthonitroanilin.—Steady to firm. Consumers in active pursuit of supplies.

Orthonitrotoluene.—Producers eager for expansion in available stocks raw material. Demand for manufactured product running high. Tends toward expansion.

Parachlorophenol.—Normal requirements met with fair promptness and success. No surplus of supplies.

Paranitroanilin. — Demand steady. Prices firm to steady. Little unsold at present time.

Paratoluidin.—Stock at low ebb. Cannot be readily increased.

Phthalic Anhydride.—War absorbing more and more of current output. Allocation provides an order for every pound produced.

Thiocarbanilide.—Output under proration. Demand far ahead of output. Strong position.

Xylidin.—Needs reach high volume. Strong prices. No signs of early abatement of strength.

Coaltar Colors

In an effort to help in the conservation of dyestuffs, the Textile Color Card Association, in cooperation with the War Production Board has issued a new Fall collection of twenty-two woolen shades which come within the bounds of the country's "all-out" war endeavor. While it is to be expected that additional colors will be used by the industry, dusty frosted shades in the intermediate and lighter category are emphasized in this new woolen collection. There are only four shades falling in the darkened scale and it is considered significant that no browns are promoted.

Among the color names, chosen for their timeliness and promotional value, are: Australian, Pacific, patriot, and Russian greens; Concord wine, valor, Pan-American, and British rose reds; salute, gallant, and independence blues; Iceland blue and Panama aqua among the aqua or greenish water shades; Chinese earth and India copper rust shades; honor and victory golds; Canadian violet; Atlantic sand and Dutch tan lighter shades; and air and gunpowder greys.

- - - —V- - - —

Hercules Develop Wetting And Emulsifying Agent

An improved wetting and emulsifying agent, 'Dresinate,' for use in conjuction with all types of alkaline metal cleaners, has been developed by the research department of Hercules Powder Company, Wilmington. The new material assists aqueous alkaline solution in certain applications to replace some of the chlorinated solvents, now scarce because of the shortage of chlorine. Research work carried on at the Hercules Experiment Station indicates the material is suitable for all metal cleaning operations where an alkali cleaner is used to remove grease, oils, soil and organic materials.

- - - —V- - - —

National Aniline Defense Corp. To Operate $5,000,000 Plant

The National Aniline Defense Corporation, a subsidiary of the Allied Chemical & Dye Corporation, this city, has been awarded a contract by the War Department for consultant services, equipment procurement, installation inspection, personnel training and operation of a $5,000,000 manufacturing plant in Syracuse, N. Y.

- - - —V- - - —

Mead Corp. Calls Bonds

The Mead Corporation, Chillicothe, Ohio, has called for redemption on April 22 at 104½ of principal and accrued interest to that date, its $6,000,000 of 15-year 4½ percent first mortgage bonds due March 1, 1955. The company proposes to refund these bonds by issuance of its first mortgage 3½ percent serial bonds maturing serially in the amount of $300,000 semi-annually from October 15, 1945, to April 15, 1955.

REPUBLIC SOLVENT NAPHTHA

REPUBLIC STEEL REG. U. S. PAT. OFF.

ALSO

BENZOLS
1°—2°—90% · Motor

TOLUOLS
Nitration-Commercial

XYLOLS
3°—5°—10°—Commercial

AMMONIUM SULPHATE • CRUDE NAPHTHALENE

Specify Niles Steel Containers for your Packaged Items

REPUBLIC STEEL
CORPORATION
General Offices • Cleveland, Ohio
BRANCH OFFICES IN ALL PRINCIPAL CITIES

Shipping Points: Cleveland, Ohio • Warren, Ohio • Youngstown, Ohio
Canton, Ohio • Massillon, Ohio • Gadsden, Alabama • Birmingham, Alabama

FINE HEYDEN CHEMICALS

PRECISION

Accuracy in machine tooling is not more vital than precision in the preparation of Fine Chemicals and Pharmaceuticals which *also* may play an important role in America's Victory Program • Laboratory control at each step of production insures the fine precision and balance characteristic of Heyden Fine Chemicals. For example:

FORMALDEHYDE

PARAFORMALDEHYDE

HEXAMETHYLENETETRAMINE

PENTEK
(Pentaerythritol Technical)

FINE HEYDEN CHEMICALS

Please Cooperate
TO HELP US SPEED UP SERVICE
Hasten the return of used containers:
Tank Cars, Drums and Carboys

HEYDEN
Chemical Corporation
50 UNION SQUARE, NEW YORK
CHICAGO BRANCH 180 N. WACKER DRIVE
FACTORIES: GARFIELD, NEW JERSEY • FORDS, NEW JERSEY

Paint, Varnish, Lacquer Materials

Pacific Coast Price Differential for Dry Colors Increased—Price Stabilization Agreement Extended to June 30—Certain Colors to Be Advanced April 1

The Office of Price Administration last week had not yet announced developments resulting from its March 20 meeting with dry colors manufacturers, but it was learned unofficially that the price stabilization agreement, due to expire March 31, had been extended to June 30, and that the price differential on the Pacific Coast had been increased from 1c. to 1.6c. per pound. Producers had requested a 1c. per pound increase to 2c. Also, the OPA refused to heed a request that prices on hansa yellow and bezedine yellow be advanced. Increased prices for chrome colors, zinc yellows and molydate orange, effective April 1, had been agreed upon prior to the March 20 meeting.

In another move last week the OPA amended price schedules on hide glue and hide glue stock to provide relief for dealers who bought glue at high prices prior to establishment of ceilings and for dealers in certain hide glue stocks who sell their product for crab bait used in Southern waters (details on page 38).

Domestic and Argentine casein continued to weaken during the period under review. Production was being increased in both countries, but demand continued to drop. The price on the Argentine material has nearly reached a point where it will be difficult to obtain transportation from South America. Rosin and turpentine were rather quiet much of the time in Southern and local markets, although transactions in turpentine were somewhat larger. Marketing in the South continued light and daily offerings in the primary market were limited.

Metallic Lead and Zinc

The War Production Board last week extended to December 31, 1942, general preference order M-38 which provides for the allocation of lead. The order was due to expire March 31. Stocks of lead at refineries totaled 24,830 tons at the end of February, compared with 20,531 in January and 46,604 a year ago, according to the American Bureau of Metal Statistics. Domestic shipments last month were 45,920 tons, against 53,037 in January and 54,859 in February, 1941. Production totaled 50,230 tons, against 53,385 in January and 54,231 a year ago. There was little change in markets for pig lead or slab zinc last week. Allocation of sales continued and demand was still running ahead of available supply. Prices were firm.

Lead. — Prevailing spot prices at New York, St. Louis and London for the period from March 21 to March 27, inclusive, were as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	St. Louis.	£ s. d.
Saturday	$0.0650	$0.0635	* .. .. ..
Monday	.0650	.0635	.. .. ..
Tuesday	.0650	.0635	.. .. ..
Wednesday	.0650	.0635	.. .. ..
Thursday	.0650	.0635	.. .. ..
Friday	.0650	.0635	.. .. ..

* London exchange closed.

Zinc. — Prevailing spot prices at New York, East St. Louis and London for the period from March 21 to March 27, inclusive, were as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0865	$0.0825	* .. .. ..
Monday	.0865	.0825	.. .. ..
Tuesday	.0865	.0825	.. .. ..
Wednesday	.0865	.0825	.. .. ..
Thursday	.0865	.0825	.. .. ..
Friday	.0865	.0825	.. .. ..

* London exchange closed.

Price Changes

Advanced

NONE

Rosin, gum, 1c. to 5c. per 100 lbs.
Turpentine, gum, 2¼c. per gal.

Reduced

Casein, dom., 1c. per lb.
imp., Argentine, ½c. per lb.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	128.0

Market news that may have developed after this report was sent to press will be found on page 4.

Pigments

Antimony White.—Little available. Prices withdrawn.

Blue Lead.—Movement well maintained. Prices firm.

Litharge.—Offerings remained fairly large, with most movement to war industries. Prices firm.

Lithopone.—Allocations remained in force. Producers of war products getting preference. Prices steady.

Red Lead.—Buying interest holding well. Quotations unaltered.

Titanium Pigments.—Normal allocation of sales continued. Demand running far ahead of available supply. Prices steady at ceiling levels.

Zinc Oxides.—Prospective consumers continued to meet difficulty in obtaining supplies without priorities. Some small amounts of material were finding their way into civilian usage. Prices steady.

Fillers and Extenders

Asbestos.—Movement normal. Quotations unrevised.

Asphaltum.—Good call reported. Movement routine. Prices firm.

Barytes.—Demand well sustained. Offerings plentiful. Prices firm.

Asbestos

Sales of domestic asbestos in 1941 totaled 24,391 short tons, valued at $725,753, compared with 1940 figures of 20,060 tons, valued at $674,508, according to the Bureau of Mines. Imports during 1941 reached 286,831 tons, valued at $11,716,873, compared with 246,613 tons, valued at $10,034,433, in 1940. Exports last year were 4,631 tons, worth $308,909, compared with 4,474 tons, valued at $449,105, in the previous year. Apparent consumption of domestic asbestos in 1941 was 400,700 tons, valued at $15,936,000, against 262,199 tons, valued at $10,259,836, in 1940.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 9

Association Meetings:—

American Society for Testing Materials, Memphis, Tenn., annual meeting, June 22 to 26.

PAINT PROTECTS AMERICA

The uppermost thought in everyone's mind these days is "Protect America". One person's idea of how best to do this may differ from his neighbor's idea, but there is no difference in their objective. "Protect America"

Our part in the program to "Protect America" is to comply with the government regulations by converting a limited supply of raw materials into Synthetic Resins; first for Defense requirements, then for essential civilian use, and finally for a better painted America.

Our raw material suppliers, working on similar production programs, are cooperating with us wholeheartedly.

Present conditions have worked a hardship on some of our customers, but their patient and understanding attitude has been most helpful to us at these critical times and we wish to thank our many good friends for their cooperation.

PARAMET SYNTHETIC RESINS

PARAMET CHEMICAL CORPORATION
MANUFACTURERS OF SYNTHETIC RESINS
44TH AVENUE AND 10TH STREET • LONG ISLAND CITY, N. Y.

STEARATES
ZINC • ALUMINUM • CALCIUM • MAGNESIUM

Highest standards of quality dependable deliveries in cartons, ton lots and carloads

THE SYNTHETIC PRODUCTS CO.
LONDON RD. & EUCLID AVE., CLEVELAND, OHIO
ESTABLISHED 1917

SPECIALIZED NAPHTHA SOLVENTS THAT ARE DEPENDABLE AND UNIFORM:

SOCONY-VACUUM

SOVASOLS

SOVASOL No. 1 — Excellent General Rubber Solvent. Quick-Drying —Has Balanced Volatility.

SOVASOL No. 2—Fast-Drying Lacquer Diluent and Rubber Cement Solvent. Chemically Stable.

SOVASOL No. 3—Thinner for Lacquer, Lacquer-Enamel and Fast-Drying Varnish. Stable—Non-Corrosive.

SOVASOL No. 4—Varnish-Makers' and Painters' Naphtha for Quick-Drying Paints and Varnishes.

SOVASOL No. 5—Highly Refined. Colorless, Odorless Paint — Varnish Thinner.

SOVASOL No. 6—Excellent Paint Retarder. Safe, clear, free from objectionable odor.

Socony-Vacuum Oil Co., Inc.
26 BROADWAY, NEW YORK CITY

Faithful Service

Join the Red Cross

The known consistency of our Metallic Stearates is your guarantee of uniform performance.

METALLIC STEARATES OF KNOWN UNIFORMITY

WARWICK *Chemical Company*

MANUFACTURERS OF CHEMICALS

WEST WARWICK, RHODE ISLAND
580 FIFTH AVE., N. Y. C.
ROCK HILL, S. C.

© 1942 Warwick Chemical Co.

Headquarters for **ROSIN OIL**
WRITE FOR OUR "PINE TREE PRODUCTS" BOOKLET
NATIONAL ROSIN OIL AND SIZE COMPANY
R. K. O. Building, Rockefeller Center, New York, N. Y.
Offices: 3001 West 47th Street, Chicago, Ill. *Factory:* Savannah, Ga.

WHITING

Commercial — Gilders

Manufactured from Amorphous English Chalk
Ample Supplies Available for Immediate Delivery

UNITED STATES KALSOMINE COMPANY
50 Church Street **New York, N.Y.**

STEARATES

Stocks at
- NEW YORK
- CHICAGO
- ST. LOUIS
- PHILADELPHIA
- DALLAS
- MEMPHIS
- SHAWNEE, OKLA.
- LOS ANGELES
- SAN FRANCISCO
- OAKLAND
- SEATTLE
- PORTLAND, ORE.

ZINC STEARATE
CALCIUM STEARATE
ALUMINUM STEARATE
MAGNESIUM STEARATE

FRANKS CHEMICAL PRODUCTS CO.
BLDG. 9. BUSH TERMINAL — BROOKLYN. N.Y.

Secondary Butyl Alcohol

for BETTER AND CHEAPER
LACQUERS
STAINS
POLISHES
DETERGENTS

Sample and a copy of "Solvents Derived from Petroleum" available

STANDARD ALCOHOL CO.
26 BROADWAY - - NEW YORK, N. Y.

WHEN IT COMES TO GILSONITE
...BARBER WILL SERVE YOU!

"Selects" and "Standard" grades. High and low melting points. Clean and uniform. Carload shipments available from Craig, Colorado, and Madison, Illinois. Convenient warehouses for less-than-carload shipments.

BARBER ASPHALT CORPORATION, BARBER, N. J.

Blanc Fixe.—Demand still heavy. Offerings somewhat limited.

Charcoal.—Market firm at advanced level. Demand holding.

China Clay.—Movement at previous levels. Demand holding.

Diatomaceous Earth.—All grades in fairly good call. Offerings unrestricted. Prices steady.

Fuller Earth.—Small call from paint trade reported.

Graphite.—Little change reported in market. Demand fair. Tone stable.

Gypsum.—Market buoyed by active demand. Prices steady.

Mica.—Paint trade calling for good supplies of wet ground material. Movement fairly large. Prices steady.

Pumice.—Domestic material moving into consuming channels in satisfactory fashion. Production holding. Prices steady.

Rottenstone.—Tone stable. Demand fair.

Silica.—Little of new interest. Demand, offerings, prices at previous levels.

Talc.—Inquiry more active. Shipments fairly large. Prices firm.

Woodflour.—No Norwegian material offered. Fair call for domestic type.

Driers

Palmitates and stearates continued to attract good buying interest. Offerings were limited by short supplies in many quarters but the overall demand was generally accommorated. Other materials were beginning to feel the pinch of raw materials tightness and in some cases demand was running ahead of available supplies.

Dry Colors

Alkali Blue Toner.—Heavy demand. Prices steady. Stocks low.

Bone Blacks.—Movement well sustained. Prices unchanged.

Carbon Blacks. — Buying interest was somewhat lower last week. Civilian users were not active in the market. Prices were unchanged.

Cadmium Colors. — Offerings were still smaller during the period. Demand was running far ahead of available supply. Prices unchanged and firm.

Chrome Colors. — Production was not sufficient to meet demand. Producers encountering difficulty in securing raw material.

Lithol Toners. — Offerings routine. Demand large. Quotations firm.

Mercuric Oxides. — Stocks were dwindling last week as demand remained constant. Prices steady.

Ochers.—Buying interest well sustained. Quotations unaltered.

Para Toners.—Faid-sized lots were moving into consumption. Offerings normal. Prices steady.

Vermilion.—Demand holding. Tone stable.

Lacquer Materials

Developments in the market were without feature last week. Trade interest continued to center on prices for the second quarter. Few producers had made any definite move, but further information on possible changes should be forthcoming this week.

Acetone.—War needs continued to dominate the market. Prices steady.

Butyl Acetate.—As reported last week, one producer will advance prices on secondary material ½c. per pound, effective April 1.

Ethyl Cellulose.—Little material available for civilian use. Heavy shipments to war industries. Prices unchanged and firm.

Isopropyl Acetate.—As reported, one seller will advance the price ½c. per pound to 10½c. m tankcars, East of the Rockies, effective April 1.

Nitrocellulose. — War orders from the United States and Great Britain accounting for most of production. Prices unchanged.

Tricresyl Phosphate.—Sales strictly allocated.

Naval Stores

A recovery in turpentine in the primary market was attributed to an increase in buying interest following the announcement that the government was seeking further supplies. Trade in rosin continued rather slow but in the absence of any increase in offerings the tendency of some grades was upward, the tone apparently being influenced by the upturn in turpentine. Although many consumers and dealers were still disposed to hold off so far as the placing of new orders was concerned, there were indications that the movement into consuming channels continued on a liberal scale. Consumption of turpentine in painting operations is reported to have increased in some parts of the country recently and a further expansion in consumption is expected with the advance of Spring. Weather conditions in some parts of the South were more seasonable but new crop preparations in many sections are still far behind normal and reports were more numerous to the effect that difficulty is being experienced in securing suitable labor for operations in the woods.

Turpentine.—The local turpentine market was firmer, influenced by an upturn in prices in the South. Purchasing here was generally limited to comparatively small quantities.

Savannah, Mar. 27.—Following is a record of the turpentine market for the week:—

	Gallons		Barrels		
	Cents.	Sales.	Receipts.	Shipments.	On hand.
Saturday*	...	...	...	...	...
Monday	65	5,150	...	1	7,894
Tuesday	67	5,000	30	255	7,669
Wednesday	67½	9,450	12	161	7,520
Thursday	68	8,050	23	...	7,543
Friday	66¾	5,900	21	27	7,537

* No trading.

Jacksonville, Mar. 25.—Turpentine stock, 4,785 barrels.

Chicago—Mar. 27

Turpentine demand a little better. Five-drum lots, 80c. per gallon; five wood barrels, 85c.; single drums, 83c.; single barrels, 88c.

London, Mar. 27.—Turpentine, 68s. 6d. per cwt.

Rosin.—No broadening of business was noted here, buying being limited as a rule to small or moderate lots for prompt shipment. The market had a firmer tone.

Savannah, Mar. 27.—Following is a record of the rosin market for the week:—

	Price per unit	Low of range quoted			
	*Sat.	Mon.	Tues.	Wed. Thurs.	Fri.
B	...	$2.90	$2.90	$2.90 $2.90	$2.90
D	...	2.92	2.92	2.92 2.92	2.92
E	...	2.97	2.97	2.97 2.96	2.96
F	...	2.97	2.97	2.97 2.96	2.96
G	...	2.97	2.97	2.97 2.97	2.97
H	...	2.97	2.97	2.97 2.97	2.97
I	...	2.97	2.97	2.97 2.97	2.97
K	...	3.07	3.07	3.07 3.08	3.08
M	...	3.12	3.12	3.12 3.15	3.15
N	...	3.20	3.20	3.20 3.25	3.25
WG	...	4.25	4.15	4.15 4.00	4.00
WW	...	4.65	4.65	4.65 4.65	4.65
X	...	4.65	4.65	4.65 4.65	4.65
	Barrels				
Sales	...	67	134	... 130	...
Receipts	...	30	104	74 78	27
Shipments	...	...	80	... ...	...
Stocks	...	...	...	... ...	42,457

* No trading.

Jacksonville, Mar. 25.—Rosin stock, 195,461 barrels.

Chicago—Mar. 27

Rosin fairly active. Five drum lots, B grade, $4.20 per 100 pounds net; G, $4.27; M, $4.42; W.W., $5.95.

London, Mar. 27.—Rosin, W.W., 33s. per cwt.

Other Naval Stores

Pine Oil.—Steady contract movement. Spot oil still scarce and nominal. Good inquiry.

Pitch.—Quotations maintained. Tone firm. Inquiry steady.

Rosin Oil.—Moderate lots in fair demand. Quotations remained firm.

Tar.—Firm at recent advance. Steady contract movement. New business good.

Shellac

One quarter announced prices one cent below the quotations at which OPA froze T.N. and superfine shellac recently. Others continued 32c. and 33c. per pound respectively and declared that shellac cannot be bought in India and be sold at less than those figures without entailing a loss. Sellers are permitted to add 11 percent as war risk. It was formerly four percent and six percent. Demand continued very good and the general situation revealed strength. During the period, the Japs made further progress toward the India-Burma border.

Synthetic Resins

There was little change in the status of most of the materials in this category last week. Prospective consumers were bidding actively for supplies but available materials were, for the

Imperial colors are the key to successful formulations

IMPERIAL PAPER AND COLOR CORPORATION

Pigment Color Division **GLENS FALLS, N. Y.**

The largest manufacturers of chemical pigment colors in America

Branch Offices and Warehouses:

Boston - New York - Philadelphia - Cleveland - Detroit - Cincinnati
Pittsburgh - Seattle - Chicago - St. Louis - San Francisco
Baltimore - Dallas - Los Angeles - Louisville

PICCOLYTE

THE VERSATILE RESIN

1. **NON-YELLOWING**
2. **LOW COST**
3. **PALE COLOR**
4. **PETROLEUM-SOLUBLE**
5. **CHEMICALLY INERT**

PENNSYLVANIA INDUSTRIAL CHEMICAL CORPORATION

CLAIRTON, PENNA.

Representatives in Principal Cities

MAKERS OF:

Coumarone Resins
Coal Tar Naphthas
Rubber Plasticizers
Reclaiming Oils

Pennsylvania Industrial Chemical Corporation, Clairton, Pa.
Gentlemen: Please send me a sample of PICCOLYTE for

.....

Name.....

Company.....

Address.....

most part, being doled out to priority customers. Prices were unchanged and firm.

Varnish Gums

Natural resins remained in active demand last week but suppliers were allocating sales in accordance with governmental requests. Hardship cases and demand from war industries were getting preference. Prices were firm and unchanged.

SLCo

Ultramarine Blue
Alkali Blue Toner
Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
Lithol Toners
Red Lake C Toners
Permanent Orange Toners
Pyrotone Red Toners
Barium Products

STANDARD
ULTRAMARINE CO.
HUNTINGTON, WEST VIRGINIA

Glues and Binders

Casein.—Domestic material off 1c. per pound. The 20-30 mesh material quoted at 21c. to 22c. per pound in carload lots; 21¼c. to 22¼c. for five tons, and 21½c. to 22½c. for smaller lots. Argentine product reduced ½c. per pound to 16½c. to 17c., c.i.f., for car lots of 20-30 mesh material.

Glues.—Maximum price schedules for hide glue and hide glue stock amended to provide relief for dealers who bought glue at high prices prior to establishment of the ceilings, and for dealers in hide glue stock who sell their product for crab bait used in Southern waters.

- - - —V- - -

R.R. Cars Must Carry Min. 6 Tons

—Continued from page 5

less the car contains military materials, unless no other common carrier is available to transport the shipments to be contained in the car, or unless permission is granted to forward the car.

If insufficient merchandise is available to bring the load of a car up to the required minimum within thirty-six hours after the merchandise is received, the traffic must be diverted to another carrier. In such cases, rail carriers are authorized to disregard the routing specified in the bills of lading of merchandise shipments. All types of carriers—rail, water, motor, and forwarder—are required to accept and transport shipments diverted to them, to the extent of their available service capacity.

- - - —V- - -

Philip R. Mather has been elected to the directorate of the Cliffs Corporation, Cleveland.

Hide Glue and Stock Price Schedules Amended

OPD Washington Bureau
March 24, 1942

The Office of Price Administration today issued amendments to price schedules for hide glue and hide glue stock, designed to provide relief for dealers who bought glue or stock at high prices prior to the ceilings, and to encourage imports of hide glue.

Amendment No. 1 to price schedule No. 76 permits persons who had bought glue at prices exceeding the maximums prior to January 28, and had made previous commitments to resell the glue, to conclude such commitments at contract prices.

In another section the amendment permits an alternative ceiling for imports of hide glue in place of the common ceiling now in effect for imported and domestic material. The alternative for imported glue consists of the landed cost thereof, up to a maximum of 24 cents per pound; plus the difference between the producers' and jobbers' maximum prices for the sale of the same grade of glue; plus one cent per pound when delivered in less than carload lots, and plus one-half cent per pound when ground to 30 mesh or finer.

In amendment No. 1 to price schedule No. 68, setting maximum prices on hide glue stock, cattle lips and snouts were excluded from the provisions of the schedule.

- - - —V- - -

Rapeseed Oil Uses To Be Restricted

—Continued from page 4

manufacture of any other article to the average monthly use during 1941. Teh order contains a requirement for the setting up of 30 percent of all inventories in excess of 50,000 pounds, as a reserve. Since the future supply of the oil is uncertain, a stockpile will thus be developed. The oil will not be available in the future for either edible uses or for soap manufacture.

The order defines rapeseed oil as that oil extracted by any means from the rapeseed, whether raw, filtered or refined, and whether or not denatured, and a "dealer" means any person who imports, buys, sells, and/or distributes rapeseed oil. Definition of a producer of blown rapeseed oil is a person who blows rapeseed oil for resale as blown rapeseed oil, whatever the trade name used, to other persons.

- - - —V- - -

Detroit Paint Club Honors Retailing Course Graduates

Detroit, Mar. 25, 1942

Graduates of the first paint retailing course given by Wayne University were honored last week at a banquet given by the Detroit Paint, Varnish and Lacquer Association, sponsor of the course. The graduating class consisted of thirty dealer clerks.

Prizes to the five students who prepared the best notebooks on the course were awarded by K. Y. Benson, chairman of the club's dealer-clerk educational committee. Experienced paint merchandizing men who examined the notebooks were enthusiastic about the many new sales features and presentations developed by the students and indicated full approval of continuance of the course.

- - - —V- - -

Barber Asphalt Refinery Closed by Lack of Supplies

One of the country's largest manufacturers of roofing supplies and asphalt materials, the Barber Asphalt Corporation, this city, has closed down its Perth Amboy, N. J., refinery because war conditions have cut off its supplies of raw materials, and will close its roofing plant April 6. The company had imported its crude oil from South America and its asphalt from Trinidad.

- - - —V- - -

Mica Deposit Data Compiled

Deposits of sheet mica in North Carolina and New Hampshire were examined in 1940-41 by the Geological Survey, United States Department of the Interior. Reports on the results of these studies, entitled respectively "Muscovite in the Spruce Pine district, North Carolina," and "Mica-bearing pegmatites of New Hampshire," have been prepared for publication. In order to make the results available to the public pending the availability of printed copies, the Geological Survey has placed manuscript copies of the reports, with their accompanying maps, in its open files at Washington, D. C., where they may be examined by anyone who is immediately interested.

Shawnee
DRY COLORS
"Color Content Guaranteed"

Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Cadmium Colors
Lake Colors
Ultramarine Blue

KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents In Principal Cities
Distillers of Coal Tar Products

STANLEY DOGGETT, Inc.
ESTABLISHED 1878
MANUFACTURERS and IMPORTERS
DRY COLORS OF MERIT—QUALITY PIGMENTS
75 VARICK STREET, NEW YORK

FOR ALL 'ROUND PROTECTION
USE
Fulton
WATERPROOF PAPER-LINED
Bags

— the answer to your problems wherever moisture with resulting lumping or caking is a factor in transit or storage. Fulton Waterproof Bags with the special Diastretch lining are stepping up efficiency and effecting real savings for large users all over the country. Save money—replace more expensive containers with Fulton Waterproof Paper Lined Bags for shipping, storing chemicals, pigments and any products that require sift-proof and moisture-proof containers. Write, wire or 'phone your order today. *Quick shipments from Atlanta, Georgia and St. Louis, Missouri.*

FULTON BAG & COTTON MILLS
Manufacturers since 1870
Atlanta St. Louis New York New Orleans
Minneapolis Dallas Kansas City, Mo.

ESTIMATE YOUR NEEDS . . ORDER TODAY

No. 10 PASTE FILLER

For filling any materials in paste form. Particularly adapted for White Lead.

Write for Quotation

ARTHUR COLTON CO.
2624 E. Jefferson Avenue
DETROIT . . MICHIGAN

LIMEOLITH
Precipitated
CALCIUM CARBONATES
• *N*-LIMEOLITH (Neutral)
• *C*-LIMEOLITH (Coated)
• *R*-LIMEOLITH (Regular)
DISTINCTIVE PRODUCTS for INDUSTRIAL USE
MANUFACTURED BY
KANSAS CITY LIMEOLITH CO.
2915 Southwest Blvd.
KANSAS CITY, MO.

Chemicals, Oils, and Drugs Price Records

Industrial Chemicals

	1935. H.	1935. L.	1937. H.	1937. L.	1939. H.	1939. L.	1941. H.	1941. L.	1942. (1st qr.) H.	1942. (1st qr.) L.
Acid, acetic, 28%.....	$2.40	$2.45	$2.53	$2.23	$2.23	$2.23	$3.18	$2.23	$3.38	$3.18
Chromic, 99%.....	.14¾	.13¾	.15¼	.14¾	.15¼	.15¼	.16¼	.15¼	.16¼	.16¼
Formic, 90%.....	.11	.11	.11	.10½	.10½	.10½	.10½	.10½	.10½	.10½
Hydrofluoric, 30%.....	.07	.07	.07	.07	.07	.06	.06	.06	.06	.06
Muriatic, 20°.....	1.10	1.10	1.15	1.10	1.15	1.15	1.15	1.15	1.15	1.15
Nitric, 36°.....	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Oxalic	.11½	.11½	.10¾	.10¾	.10¾	.10¾	.11¼	.10¾	.11¼	.11¼
Sulphuric, 66°.....	15.50	15.50	16.50	15.50	16.50	16.50	16.50	16.50	16.50	16.50
Tannic, tech.....	.23	.22	.40	.19	.40	.40	.71	.54	.71	.71
Alum, ammonia, gran..	2.75	2.75	3.00	2.75	3.50	3.15	4.00	3.50	4.00	4.00
Alumina sulphate, com.	1.35	1.35	1.35	1.35	1.15	1.15	1.15	1.15	1.15	1.15
Ammonia, anhy., com..	.04½	.04½	.04½	.04½	.04½	.04½	.05	.05	.05	.05
Antimony, n'dle, C'nese	.12½	.07¾	.17½	.11½	.20	.12	.25	.19	.20	.19
Arsenic, white.....	.03½	.03¾	.03	.03	.03	.03	.04	.03½	.04	.04
Barium chloride, tech..	72.00	72.00	77.00	72.00	77.00	77.00	77.00	77.00	77.00	77.00
Bleaching powder.....	2.00	1.90	2.00	2.00	2.00	2.00	3.00	1.90	3.00	3.00
Calcium acetate.....	2.10	2.00	2.25	1.65	1.90	1.63	2.25	2.00	2.25	2.25
Arsenate	.06	.06	.06½	.06½	.06½	.06½	.06½	.06	.07	.06½
Chloride, flake.....	22.00	19.50	23.00	22.00	22.00	22.00	20.50	18.50	18.50	18.50
Chlorine, liq., tech....	2.15	2.00	2.15	2.15	2.00	1.75	1.75	1.75	1.75	1.75
Cobalt oxide, black....	1.39	1.25	1.67	1.41	1.84	1.67	1.84	1.84	1.84	1.84
Copper carbonate.....	.14½	.14½	.19	.14½	.160	.14	.18	.16½	.18	.18
Sulphate, 99%.....	3.85	3.85	6.00	4.45	4.75	4.10	5.15	4.75	5.15	5.15
Copperas	12.00	12.00	12.00	12.00	16.00	14.00	14.00	14.00	14.00	14.00
Epsom salt, tech.....	2.10	1.70	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
Glaubers salt, dom.....	.85	.85	.95	.95	.95	.95	1.05	.95	1.05	1.05
Lead acetate, wh., brok.	.11	.11	.13½	.11	.11	.10	.12	.11	.12	.12
Arsenate	.09	.09	.13	.10	.11	.10	.06½	.09	.11	.09
Magnesia, calc., tech..	.23	.23	.23	.23	.26	.26	.26	.26	.26	.26
Magnesium chloride, fl..	36.00	36.00	39.00	39.00	32.00	32.00	32.00	32.00	32.00	32.00
Manganese sulph., anhy.	.09	.05	.07	.07	.08	.07	.10½	.10½	.10½	.10½
Nickel salt.....	.13	.12½	.13	.13	.13	.13	.13	.13	.13	.13
Phosphorous, red.....	.44	.40	.40	.40	.40	.40	.40	.40	.40	.40
Potash carbonate, calc.	.09	.08½	.06½	.06½	.06½	.06½	.06½	.06½	.06½	.06½
Caustic, solid.....	.06¼	.06¼	.06¼	.06¼	.06¼	.06¼	.06¼	.06¼	.06¼	.06¼
Chlorate, powd.....	.08¾	.08	.08½	.08½	.10	.08½	.09¾	.09½	.09¾	.09¾
Permanganate, tech..	.18½	.18½	.18½	.18½	.18½	.18½	.19¾	.19¼	.19¾	.19¾
Saltpeter, gran.....	5.90	5.90	6.50	6.00	6.50	6.50	8.10	7.60	8.20	8.20
Soda ash, 58% light....	1.05	1.05	1.23	1.05	1.05	1.95	1.05	1.05	1.05	1.05
Caustic, solid.....	2.55	2.55	2.60	2.30	2.30	2.30	2.30	2.30	2.30	2.30
Chlorate, dom.....	.06¼	.06¾	.06¼	.06¼	.06¼	.06¼	.06¼	.06¼	.06¼	.06¼
Phosphate, tribas.....	2.65	2.10	2.00	1.85	2.25	2.00	2.70	2.25	2.70	2.70
Silicofluoride	.06	.04½	.06½	.05¾	.05¾	.04	.12	.08½	.12	.12
Sulphur, crude, mines..	18.00	18.00	18.00	18.00	16.00	16.00	16.00	16.00	16.00	16.00
Tin crystals.....	.39	.36½	.45½	.34	.40	.36½	.39½	.38	.39	.39

Coaltar Chemicals

Acid, Benzoic, tech.....	.40	.40	.43	.43	.43	.43	.43	.43	.43	.43
Cresylic, high-boil....	.51	.42	.89	.72	.68	.49	.81	.68	.81	.81
Sulphanilic, tech.....	.18	.18	.17	.17	.17	.17	.17	.17	.17	.17
Tobias	.75	.70	.65	.65	.65	.55	.55	.55	.55	.55
Alphanaphthylamine ...	.33	.32	.32	.32	.32	.32	.32	.32	.32	.32
Anilin oil.....	.15	.15	.15	.14½	.15	.15	.15	.15	.15	.15
Benzol, 90%.....	.18	.15	.16	.16	.16	.16	.15	.14	.15	.15
Creosote oil, crude.....	.12	.11½	.13½	.13	.13½	.13½	.15½	.13½	.15½	.15½
Dinitrobenzene	.17	.17	.16	.18	.18	.18	.18	.18	.18	.18
Dinitrophenol	.23	.23	.23	.23	.22	.22	.22	.22	.22	.22
Diphenylguanidine	.36	.36	.35	.35	.35	.35	.35	.35	.35	.35
Hexamethylenetetramine, tech.....	.37	.35	.35	.35	.35	.32	.32	.32	.32	.32
Methyl chloride, cyl....	.45	.45	.37	.32	.32	.32	.32	.32	.32	.32
Monoamylamine	1.00	1.00	1.00	.55	.55	.53	.53	.53	.61	.50
Naphthalene, crude, dom.	3.00	1.65	3.00	2.00	2.23	2.25	2.50	2.25	2.50	2.50
Nitrobenzene, d.d.....	.08½	.08½	.07½	.07½	.07	.07	.07	.07	.07	.07
Paradichlorobenzene ..	.16	.16	.16	.11	.11	.11	.11	.11	.11	.11
Phenol, U.S.P.....	.14¾	.14½	.14¼	.13¾	.14½	.13	.12½	.12	.12½	.12½
Phthalic anhydride.....	.14½	.14½	.14½	.14½	.14½	.14½	.14½	.14½	.14½	.14½
Resorcinol, tech.....	.75	.75	.75	.75	.75	.75	.68	.68	.68	.68
Tar acid oil, 15%.....	.22½	.21	.22½	.21	.22	.21	.27½	.22	.27½	.27½
Toluol, pure.....	.30	.30	.30	.30	.25	.22	.28	.27	.28	.28
Trichlorethylene	.09½	.089	.089	.089	.09	.08	.08	.08	.08	.06½
Xylidin, mixed.....	.36	.36	.35	.35	.35	.35	.35	.35	.35	.35
Xylol, common.....	.30	.30	.30	.30	.27	.26	.27	.26	.27	.27

Dyestuffs, Textile, and Leather Chemicals

Albumen, egg, edible...	1.05	.82	1.05	1.05	.75	.60	1.80	.65	1.80	1.73
Annatto seed.....	.07	.07	.07¾	.07	.07½	.06½	.06½	.06	.06½	.06
Chestnut ext., clarif...	.01½	.01¼	.02½	.01¾	.01¾	.01¼	.02¼	.01¾	.02¾	.02¼
Cochineal, gray.....	.34	.32	.36	.32	.37	.35	.37	.37	.37	.37
Corn syrup, 42°.....	3.63	3.18	4.36	3.11	3.27	2.92	3.52	3.47	3.52	3.52
Cutch	.04	.03½	.04	.04	.04¼	.04	.04¾	.04½	.05¼	.04¾
Dextrin, corn, white...	4.00	3.55	4.85	3.45	3.50	3.30	3.95	3.80	4.00	3.95
Dye, sulphur black.....	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20
Egg yolk, dried, dom...	.63	.52	.68	.68	.67	.59	1.00	.60	1.00	.87
Fustic, ext., cryst.....	.20	.20	.22	.20	.24	.22	.28	.24	.24	.16
Gambier, common.....	.06¾	.05¾	No price		.07	.06¾	.10	.06½	No price	
Hemlock ext., 25% tan..	.02½	.02¾	.03	.02¾	.03	.02¾	.03	.02¾	.03½	.03½
Indigo, synth., liq.....	.13	.12	.16½	.13	.16½	.16½	.16½	.16½	.16½	.16½
Logwood, ext., 51°.....	.08½	.08½	.09½	.08½	.10½	.09½	.12½	.10½	.12½	.12½
Myrobalans, J2.....	15.75	14.75	23.00	16.75	27.50	17.00	39.00	28.00	No price	
Nutgalls, Alleppo.....	.20	.16	.20	.19	.29	.23	.28	.27	No price	
Oak ext., 25% tannin...	.02¾	.02¾	.03½	.02¾	.02¾	.02¾	.03	.02	.02	.02
Potash bichromate.....	.08½	.08½	.08¾	.08¾	.08¾	.08¾	.09¾	.08¾	.09¾	.09¾
Quebracho, ext., 35%...	.02¾	.02¾	.03	.02¾	.03½	.02¾	.05¼	.03¾	.05¼	.05¼
Sago flour.....	.02¾	.02¾	.03¼	.02¾	.04	.02½	.05½	.03½	.05	.04½
Soda bichromate.....	.06¼	.06½	.06¾	.06¾	.06¾	.06¾	.07¾	.06¾	.07¾	.07¾
Hydrosulphite	.21	.18	.16	.16	.16	.16	.17	.17	.17	.17
Starch, corn, pearl.....	3.58	3.13	4.33	2.93	2.65	2.45	3.10	2.95	3.10	3.10
Sumac ext., 42°.....	.04½	.04½	.05¼	.04½	.07	.05¼	.07	.07	.07	.07
Valonia cups.....	49.00	26.00	37.50	31.75	39.00	30.00	No price		No price	

Paint, Varnish and Lacquer Materials

Acetone, C.P.....	.11	.11	.06	.04¾	.06	.04¼	.07	.06	.168	.08½
Alcohol, butyl, norm...	.12	.11	.09	.09	.09	.07	.10	.09	.1580	.12½
Amyl acetate, ex-fusel.	.11	.11	.11½	.10½	.12½	.09½	.12½	.11½	.16	.13½
Barytes, dom., floated..	33.05	31.50	31.50	31.50	31.50	31.50	31.50	31.50	34.00	34.00
Black, carbon, standard	.0535	.0535	.0535	.0410	.0375	.0375	.0395	.0343	.0367	.0367
Blue, Prussian.....	.37	.36½	.36	.36	.36	.33	.36	.33	.36	.36
Brown, sienna, Amer., burnt	.03	.03	.03	.03	.03¼	.03	.03¼	.03¼	.06	.03½
Casein, dom., 20-30.....	.15	.10½	.19½	.13	.20	.07	.31	.13	.31	.22
Cellulose acetate, flake..	.55	.55	.55	.40	.36	.35	.30	.30	.30	.30
Ethyl acetate, 85%.....	.07½	.07½	.06½	.06½	.06½	.051	.07½	.06½	.12	.11
Green, cHrome, to 5%...	.20	.20	.21	.20	.21	.21	.23	.21	.23	.23
Gum, copal, Congo, No. 1.	41%	.35½	.46	.42%	.49½	.34¾	.49½	.49½	.49½	.49½
Dammar, Bat., A/E..	.13	.11½	.17¼	.14½	.13¾	.11%	.25⅜	.12%	.25⅜	.25⅜
Ester	.07%	.07¼	.11½	.09	.06¼	.06	.08½	.06¼	.09½	.08½
Lead, red, 95%, dry....	.07	.06	.10¼	.07¼	.0810	.0735	.0835	.08	.09	.0835
White, bas. carb.....	.065	.065	.09	.0675	.07	.07	.07½	.07½	.08¼	.07½
Litharge, common.....	.06	.05	.09¼	.06¼	.0710	.0635	.0735	.07	.0790	.0735
Lithopone, ord.....	.04½	.04½	.04½	.04¼	.04½	.0375	.0385	.0385	.04¼	.04½
Nitrocellulose, a/s.....	.29½	.27½	.28	.22	.28	.28	.28	.28	.28	.28
Red, Indian, pure.....	.08%	.08%	.08%	.08%	.08%	.08%	.09¼	.08%	.09¼	.09¼
Rosin, gum, F.....	6.02½	5.05	9.50	6.05	6.60	5.35	3.50	2.11	3.82	3.59
Shellac, T.N.....	.18%	.13	.14	.12	.19	.09½	.32	.15	.32	.32
Titanium dioxide, reg...	.17	.17	.16	.16	.14	.13	.14½	.13½	.14½	.14½
Turpentine spirits, gum.	.53¾	.43½	.42½	.31½	.34½	.28¾	.87½	.44	.82½	.78½
Whiting, chalk, comm..	11.20	11.20	12.00	12.00	12.00	12.00	18.00	16.00	22.00	18.00
Yellow, chrome, C.P...	.15	.11	.14½	.13	.14¾	.13½	.16	.13½	.16	.16
Zinc oxide, lead-free....	.06½	.05	.06½	.05½	.06¾	.06¼	.06½	.06½	.07¼	.07¼
Stearate, tech.....	.19	.18	.20	.20	.23	.20	.30	.22	.31	.30

Fertilizer Materials

Ammonia sulphate, dom.	24.00	23.00	28.00	26.00	28.00	28.00	30.00	30.00	30.00	30.00
Phosphate rock, Fla., 68%-66%	3.40	1.85	1.85	1.85	1.90	1.90	2.00	1.90	2.20	2.00
Potash manure salt, dom.	.48	.43	.53½	.55	.53½	.53¾	.60	.60	.60	.60
Muriate, 60%.....	.45	.40	.53½	.50	.53½	.53½	.56	.53½	.53½	.53½
Soda nitrate, crude.....	23.50	23.50	29.00	25.50	27.00	27.00	27.00	27.00	30.00	27.00
Superphosphate, pile....	8.00	7.75	8.50	7.50	8.50	7.50	9.50	8.00	9.60	9.60
Urea, dom., 46%.....	100.00	95.00	95.00	95.00	95.00	95.00	85.00	80.00	80.00	80.00

Oils, Fats and Waxes

	1935. H.	1935. L.	1937. H.	1937. L.	1939. H.	1939. L.	1941. H.	1941. L.	1942. (1st qr.) H.	1942. (1st qr.) L.
Acid, stearic, doub-pres.	.11¾	.10	.12½	.11	.12½	.10	.14½	.09½	.1580	.14¼
Degras, common.....	.05¼	.04½	.08¼	.07½	.10	.07	.08¾	.07½	.12½	.08¾
Lard, Western, choice..	17.75	10.90	14.30	8.80	8.75	5.75	11.30	5.20	12.60	10.50
Oil, castor, No. 3.....	.09½	.09	.09½	.09¾	.11¼	.07½	.11½	.09	.13	.12¾
Chinawood	.35	.088	.24	.11½	.25	.14	.35¾	.26¼	.3885	.35¾
Coconut, crude.....	.06	.03½	.08½	.03¾	.04¾	.02½	.09½	.03	.09½	.09½
Cod, N.F.....	.36	.34	.52	.48¾	.72	.32	.78	.60	.85	.78
Corn, crude.....	.11	.08¾	.10¼	.06½	.07½	.04¾	.13	.06½	.12¾	.12
Cottonseed, crude.....	.10½	.08¾	.10½	.05¾	.06¾	.04¼	.12¾	.05½	.12¾	.12½
Linseed, raw.....	.096	.077	.107	.093	.102	.078	.106	.084	.13	.1020
Menhaden, crude.....	.36	.25	.45	.34	.36	.21	.62	.30	.6666	.60
Neatsfoot, extra.....	.11¼	.08½	.18¼	.16¾	.20¼	.14¾	.26½	.13½	.14½	.14
Oleo, No. I.....	.15	.10¼	.14	.12½	.12	.08	.13¼	.07¾	.13¼	.13¼
Olive, denat.....	.94	.80	1.60	1.15	1.40	.80	4.00	2.25	4.40	4.00
Palm, Niger.....	.0575	.0365	.07½	.04	.05	.03½	.09	.04½	.09¼	.09
Peanut, crude.....	.10¾	.09½	.10¾	.06¾	.07¼	.03¾	.13	.06½	.13	.13
Perilla	.10	.07	.13½	.10½	.15½	.089	.21½	.16½	.2380	.2150
Red	.08¾	.06¼	.10¾	.08¾	.08½	.06¼	.11¼	.06¾	.1245	.1125
Sardine, crude.....	.37	.24½	.54½	.35	.38	.22	.63	.39	.66½	.60
Soybean, crude.....	.1060	.0870	.1080	.0900	.0650	.0450	.1175	.0550	.12¾	.11¾
Whale, ref., nat.....	.077	.064	.107	.081	.091	.077	.107	.091	.1070	.1070
Tallow, extra, loose....	.07¼	.05¾	.09¾	.05¾	.07	.04¾	.09½	.05	.0971½	.0875
Wax, bees, yellow, Af..	.24	.21	.29½	.25	.27	.29	.46	.26	.49	.46
Candelilla	.16	.10	.15½	.13	.18½	.15½	.33	.19	.38	.33
Carnauba, 3 chalky...	.38	.21	.38	.33	.45	.28	.56	.36	.78	.75
Spermacetti	.22	.19	.23	.23	.22	.18	.24	.24	.26	.24

Drugs and Fine Chemicals

Acetanilide, U.S.P.....	.24	.24	.29	.24	.30	.30	.30	.30	.34	.30
Acid, Acetylsalicylic, standard	.70	.70	.90	.50	.50	.40	.40	.40	.40	.40
Boric, tech.....	89.00	95.00	95.00	95.00	96.00	96.00	99.00	96.00	99.50	95.50
Citric, cryst.....	.28	.28	.25	.24	.22	.20	.26	.20	.28	.20
Phosphoric, USP, 60%...	.14	.14	.14	.12	.12	.12	.12	.10½	.10½	.10½
Tartaric, U.S.P.....	.24	.24	.24¾	.21¾	.31¼	.27¼	.70½	.46¾	.70½	.70½
Agar, No. 1.....	.90	.52	1.15	.72	1.50	.90	3.00	1.40	4.75	4.75
Alcohol, denatured, SDI..	.31	.29½	.27	.26	.22½	.19½	.27½	.24½	.53	.53
Atropine sulphate.....	2.25	2.25	2.85	2.20	4.00	2.50	21.00	5.45	21.00	18.75
Benzyl benzoate, a.m.a.	1.00	.95	.94	.90	.89	.84	.95	.84	.90	.90
Bismuth subnitrate.....	1.40	1.30	1.30	1.13	1.48	1.33	1.48	1.20	1.20	1.20
Borax, tech.....	40.00	36.00	42.00	40.00	43.00	43.00	43.00	42.00	41.50	41.50
Bromine, purif.....	.36	.30	.36	.30	.30	.30	.25	.25	.25	.25
Caffeine	2.15	2.15	2.20	2.05	2.20	2.20	2.60	2.60	2.60	2.60
Camphor, nat. tabs.....	.60	.54	.60	.55	.82	.53½	1.70	.90	1.65	1.60
Chloroform, tech.....	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20
Corrosive sublimate....	.76	.71	1.22	1.05	1.99	1.05	2.24	2.04	2.24	2.24
Cream tartar.....	.17¾	.17¼	.19¾	.15	.25¼	.22¼	.37½	.38¼	.37½	.37½
Formaldehyde	.06	.06	.05¾	.05¾	.05¾	.05¾	.05½	.05½	.05½	.05½
Glycerin, C.P.....	.14	.14	.21½	.14	.29	.19¾	.18¾	.12½	.18	.18
H'dr'gen perox., 100 vol.	.21	.20	.20	.19¼	.20	.20	.16	.16	.16	.16
Iodine, resub.....	1.90	1.65	1.50	1.50	2.00	1.75	2.00	1.75	2.00	2.00
Menthol, Japanese.....	3.75	2.80	3.45	3.10	3.35	2.90	14.00	3.50	14.00	13.00
Syn., tech.....	2.25	2.25	2.25	2.25	2.50	2.25	3.65	2.50	No price	
Methanol, nat., denat..	.40	.40	.45	.30	.40	.35	.60	.40	.60	.60
Synth.	.35½	.35½	.35½	.33	.33	.33	.30	.28	.28	.28
Methyl salicylate.....	.40	.40	.40	.32	.35	.35	.35	.35	.35	.35
Oil, codliver, U.S.P....	24.50	26.00	27.50	25.00	40.00	20.00	85.00	67.00	85.00	72.00
Opium, gum, U.S.P....	11.50	12.40	11.50	11.50	11.50	11.50	13.00	11.50	13.00	13.00
Phenolphthalein, U.S.P.	.65	.50	.85	.75	.85	.85	.85	.85	..	..
Potash bromide.....	.35	.35	.31	.31	.31	.31	.27	.27	.27	.27
Quicksilver, dom.....	76.00	69.50	97.00	81.00	160.00	77.00	212.00	163.00	212.00	192.00
Quinine sulphate.....	.51	.51	.59½	.59½	.64	.61	.67	.67	.67	.67
Rochelle salts, powd....	.13½	.13	.16	.13½	.20¾	.17¾	.42½	.29¾	.42½	.42½
Santonin, cryst.....	70.00	26.00	43.00	25.00	130.00	21.00	195.00	150.00	210.00	210.00
Silver nitrate.....	.51⅝	.35⅜	.33⅜	.32¼	.31½	.27	.26⅝	.24	.26⅝	.26⅝
Soda benzoate, U.S.P...	.46	.46	.39	.39	.46	.39	.46	.46	.46	.46
Bicarbonate, U.S.P...	1.85	1.85	1.85	1.75	1.85	1.70	1.85	1.85	1.85	1.85
Strychnine	.63	.63	.48	.48	.60	.50	.70	.60	.70	.70
Thymol	1.85	1.65	1.65	1.55	1.55	1.45	3.00	1.45	3.00	3.00

Botanical Drugs, Spices, and Gums

Belladonna, leaves.....	.18	.14	.14	.14	.30	.12½	3.45	1.75	3.45	3.45
Root	.14	.12	.12	.10	.40	.13	2.40	2.00	2.25	2.00
Black haw root bark....	.24	.22	.33	.21	.24	.20	.48	.29	.40	.40
Buchu leaves.....	.38	.27	.65	.50	.80	.30	.74	.55	.80	.74
Cascara sagrada bark..	.11	.08	.14½	.11¾	.14	.10	.20	.15	.27	.20
Chamomile flow., Hung.	.27	.20	.28	.20	.60	.20	1.50	.80	.80	.70
Cinchona bark, short...	.50	.50	.50	.50	.72	.40	.85	.75	1.25	.85
Clover tops, dom.....	.14½	.11½	.14	.12	.38	.12	.35	.33	.28	.27
Cramp bark, genuine...	.24	.26	.25	.19	.25	.20	.30	.20	.30	.30
Digitalis leaves.....	.30	.24	.65	.25	.40	.35	.50	.35	.50	.48
Ergot, U.S.P.....	2.10	.32	2.05	1.50	3.50	1.25	2.10	1.55	1.70	1.75
Ginger root, Cochin.....	.17	.12	.18¾	.14½	.09½	.06¾	.25	.10¾	.30	.38
Goldenseal root.....	2.00	1.05	3.60	2.85	3.60	2.75	3.95	2.50	4.35	3.95
Gum, arabic, sorts.....	.13	.09½	.14½	.09¾	.19	.09	.24	.14	.22	.18
Myrrh, U.S.P.....	.40	.22	.45	.35	.65	.39	.60	.45	.78	.60
Tragacanth, No. 1....	1.25	1.15	2.75	2.40	2.50	2.25	3.50	3.00	3.50	3.25
Henbane leaves.....	.40	.19	.29	.19	.65	.14½	3.25	1.75	3.25	2.85
Jalap root, N.F.....	.14	.12	.17	.17	.24	.15	.55	.28	.65	.53
Lobelia herb.....	.21	.12	.14	.12	.12	.11	.50	.19	.50	.48
Mandrake root.....	.10	.09½	.18	.09½	.11	.09	.25	.12	.25	.25
Marjoram, French.....	.32	.24	.20	.17	.35	.16	2.75	1.40	3.25	2.75
Papain, powd.....	3.00	1.75	2.75	.90	2.10	1.10	.75	.52	.84	.84
Pyrethrum flowers.....	.27	.14	.18	.12¾	.33	.26	.22	.20	.27	.21
Rhubarb, No. 2.....	.35	.23	1.15	.32	.55	.35	.75	.38	1.15	.75
Safflowers, Amer.....	.35	.24	.27	.25	.35	.22	.85	.35	.85	.85
Sage, Dalmatian.....	.04¼	.03	.06½	.02¾	.19	.05¾	2.00	1.30	2.00	2.00
Sarsaparilla root, Mex.	.12	.12	.20	.15	.19	.13	.20	.16	.22	.19
Senega root.....	.33	.23	.60	.36	.85	.65	.95	.82	.95	.90
Senna leaves, Tinn.....	.13½	.11	.11	.10	.14	.09	.14	.11	.16	.14
Soapbark, whole.....	.07	.07	.07	.07	.23	.07	.13	.09	.09	.09
Stramonium leaves.....	.13	.08	.11	.11	.17	.13	.48	.27	.33	.27
Tonka beans, Angos....	2.75	1.85	2.50	2.50	2.40	2.40	2.40	2.40	3.00	2.40
Uva Ursi leaves.....	.07	.06½	.25	.11	.11	.08	.18	.11	.24	.20
Valerian root.....	.23	.13½	.12	.09	.27	.09½	1.15	.75	1.70	1.15
Vanilla beans, Mexican.	3.50	3.25	4.50	4.00	6.50	5.00	15.00	9.00	16.00	15.00
Wild cherry bark.....	.05	.05	.04½	.04½	.07	.04½	.07	.07	.08	.07

Essential Oils and Aromatic Chemicals

Alcohol, benzyl.....	.75	.65	.68	.63	.63	.63	.63	.63	.63	.63
Citronellol	2.50	2.10	1.80	1.75	1.60	1.60	1.75	1.60	3.00	1.75
Coumarin	3.10	3.10	3.00	3.00	2.75	2.75	2.75	2.75	2.75	2.75
Geraniol, soap.....	1.10	1.00	.75	.60	.67	.60	1.10	.60	1.10	1.10
Ionone	3.50	3.50	3.25	1.30	2.50	2.50	2.75	2.75	2.75	2.75
Oil, anise, U.S.P.....	.57½	.40	1.45	.70	.85	.63	2.00	.78	3.50	2.10
Cassia, U.S.P.....	1.50	1.10	1.25	.90	1.20	.88	10.00	1.50	11.00	10.00
Citronella, Ceylon.....	.28	.22	.42	.32	.46	.34	1.00	.37	1.70	1.05
Clove, U.S.P.....	.90	.85	1.25	1.05	1.55	.95	1.40	1.05	1.50	1.40
Eucalyptus, Austral..	.29	.24	.44	.39	.59	.38	.70	.63	.80	.70
Geranium, Bour.....	5.25	4.50	4.75	3.75	3.25	2.40	17.00	2.50	25.00	17.00
Lavender, spike.....	1.20	.95	.95	.95

Industrial Uses of Chemicals and Related Materials

("Where You Can Sell")

Seven-hundred-ninety-first Recapitulative Instalment—Fully Protected by Copyright

(Parenthetical figures are the numbers of patents in the United States or other countries, as designated)

Caprylic Acid Tripolyphosphate, Sodium Salt

(Continued from March 23 issue)

Miscellaneous

Modifier of—
- Surface tension of liquids in various products and processes

Suggested as wetting agent in—
- Cleaning compositions for windows, glassware, rugs, upholstery
- Embalming fluids
- Ink removers
- Making beer glass coasters
- Polishing compositions for furniture, automobiles, metals, wood, glass, shoes, and other articles
- Various processes involving aqueous solutions, such as soaking, washing, impregnating, penetrating, wetting
- Soldering fluxes
- Wallpaper removers
- Waterproofing compositions

Softening agent for—
- Fibers

Paint, Varnish, and Lacquer

Suggested as wetting agent in—
- Lacquers
- Paints
- Pigment manufacture
- Varnishes

Paper

Suggested as wetting agent in—
- Beater operations
- Dye liquors
- Felt conditioning
- Felt-cleaning agents
- Sizing compositions
- Waterproofing compositions
- Waxing compositions

Petroleum

Suggested as wetting agent in—
- Cutting oils
- Mineral oil compositions
- Pitch compositions
- Tar compositions

Pharmaceutical

Suggested as wetting agent in—
- Oral antiseptics

Photographic

Suggested as wetting agent in—
- Blueprint processes
- Photographic processes

Rubber

Suggested as wetting agent in—
- Cements

Soap

Suggested as wetting agent in—
- Detergent compositions
- Textile soaps

Textile

Bleaching

Suggested as wetting agent in—
- Bleaching baths

Dyeing

Suggested as wetting agent in—
- Dye baths

Finishing

Suggested as wetting agent in—
- Coating compositions
- Scouring compositions
- Sizing compositions
- Washing compositions
- Waterproofing compositions
- Waxing compositions

Manufacturing

Softening agent for—
- Fibers

Suggested as wetting agent in—
- Bowking baths
- Carbonizing baths
- Degreasing compositions
- Degumming and boiling-off baths
- Fulling baths
- Kier-boiling baths
- Mercerizing baths
- Oiling compositions
- Soaking baths
- Spinning compositions

Printing

Suggested as wetting agent in—
- Printing pastes

Ethyl Alpha(methoxyphthalyloxy)isobutyrate

Adhesives

Plasticizer (U.S. 2072739) in—
- Adhesive compositions containing cellulose derivatives and resins

Ceramic

Plasticizer (U.S. 2072739) in—
- Compositions, containing cellulose derivatives and resins, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer (U.S. 2072739) for—
- Cellulose derivatives
- Resins

Cosmetic

Plasticizer (U.S. 2072739) in—
- Nail enamels and lacquers containing cellulose derivatives and resins as base material

Electrical

Plasticizer (U.S. 2072739) in—
- Insulating compositions, containing cellulose derivatives and resins, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (U.S. 2072739) in—
- Compositions, containing cellulose derivatives and resins, used in the manufacture of nonscatterable glass and as coatings for decorating and protecting glassware

Leather

Plasticizer (U.S. 2072739) in—
- Compositions, containing cellulose derivatives and resins, used in the manufacture of artificial leathers and as coatings for decorating and protecting leathers and leather goods

Metal Fabricating

Plasticizer (U.S. 2072739) in—
- Compositions, containing cellulose derivatives and resins, used as coatings for protecting and decorating metallic articles

Miscellaneous

Plasticizer (U.S. 2072739) in—
- Coating compositions containing cellulose derivatives and resins, used for protecting and decorating articles of various sorts

Paint, Varnish, and Lacquer

Plasticizer (U.S. 2072739) in—
- Paints, varnishes, lacquers, enamels, and dopes containing cellulose derivatives and resins

Paper

Plasticizer (U.S. 2072739) in—
- Compositions, containing cellulose derivatives and resins, used in the manufacture of coated papers and as coatings for decorating and protecting articles made of paper or pulp

Photographic

Plasticizers (U.S. 2072739) in making—
- Films from cellulose derivatives

Plastics

Plasticizers (U.S. 2072739) in making—
- Laminated fiber products
- Molded products
- Plastics from or containing cellulose derivatives and resins

Resins

Plasticizers (U.S. 2072739) in making—
- Artificial resins from or containing cellulose derivatives
- Synthetic resins of various sorts

Rubber

Plasticizer (U.S. 2072739) in—
- Compositions, containing cellulose derivatives and resins, used as coatings for protecting and decorating rubber goods

Stone

Plasticizers (U.S. 2072739) in—
- Compositions, containing cellulose derivatives and resins, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizers (U.S. 2072739) in—
- Compositions, containing cellulose derivatives and resins, used in the manufacture of coated fabrics

Wood

Plasticizers (U.S. 2072739) in—
- Compositions, containing cellulose derivatives and resins, used as protective and decorative coatings on woodwork

Ethyl-Ammonium Phosphate

Cellulose Products

Flameproofing agent for—
- Cellulose derivatives

Paper

Flameproofing agent for—
- Paper and paper products

Textile

Flameproofing agent for—
- Fabrics (said to give softer hand to cloth than other flameproofing agents)

Invertase

Food

Enzyme which inverts
- Cane sugar to glucose and fructose

Process material in making—
- Bakery products
- Candies and similar confectionery
- Table syrup

Isobutyl-Mercury Oleate

Rubber

Preservative (Brit. 499578) for—
- Latex

4-Methoxy-4':5-bisacetoacetamido-1-phenylbenzothiazole

Dye

Claimed (Brit. 516851) as—
- Dye group member giving shades ranging from greenish-yellow to orange and having great affinity for cotton

Peanut Oilcake

(Arachis Oilcake, Earthnut Cake, Earthnut Oilcake, Peanut Cake, Peanut Presscake)

Animal Husbandry

Nutrient in—
- Cattle feeds

Source of—
- Proteins, fats, fibrous roughage, and moisture for feeds

Fertilizer

Ingredient of—
- Fertilizer compositions

Need a Substitute?— Consult—

Uses and Applications of Chemicals and Related Materials

A cloth-bound book of 665 pages (6 x 9) containing information similar to that above on 5,167 materials. Provides a quick and accurate shortcut to vital information about the application of important materials in more than fifty leading industries.

Obtainable from: Schnell Publishing Company, Inc., 59 John St., New York

$10; postage paid in U. S.; 39c. postage elsewhere

Silver Bromide

(Bromsilber, Bromure d'Argent, Bromuro di Argento, Bromuro de Plata, Silberbromid)

Dentistry

Silver source (U.S. 1245879) in—
- Dental cement

Petroleum

Cataylst and ingredient of catalytic mixtures (Brit. 406963) in—
- Destructive hydrogenation processes for purifying mineral oils

Photographic

Sensitizer in—
- Color photographic processes
- Gelatin bromide papers, films, and plates

Soap

Silver source (Brit. 395572 and addition to 395570) in—
- Soaps which are strongly disinfectant and do not discolor

Silver Leaf

Glass

Decorating agent for—
- Tableware, ornaments, vases, and the like

Leather

Decorating agent for—
- Leather bags, saddles, scabbards, cardcases, novelties, and the like

Miscellaneous

Decorating agent for—
- Cabinets
- Desksets and writingpads
- Furniture
- Humidors
- Livery fabrics
- Millinery products
- Novelties
- Ornaments
- Picture frames
- Transfer sheets
- Uniforms
- Various purposes

Paper

Decorating agent for—
- Paper and paper articles

Printing

Decorating agent for—
- Advertising mediums in colored effects, such as brochures, booklets, house organ covers, and the like
- Albums for photographs, phonograph records, and the like
- Books
- Letterings for various purposes and on high-quality bindings

Soap

Decorating agent and silver source (Brit. 395572 and addition to 395570) in—
- Soaps which are strongly disinfectant and do not discolor

Textile

Decorating agent for—
- Cloths
- Fabrics
- Silk
- Tapestries
- Velvet

Wood

Decorating agent for—
- Wood articles, such as cabinets, fine furniture, and the like

Strontium Oxalate

(Oxalate of Strontia, Oxalate de Strontiane, Oxalate Strontianique, Oxalate Strontique, Oxalate de Strontium, Oxalsaeurestrontianerde, Oxalsaeurestrontium, Strontiumoxalat)

Chemical

Starting point (U.S. 1473543) in making—
- Catalyst used in making ammonia

Leather

Process material (U.S. 1241950) in making—
- Quebracho tanning compound

Miscellaneous

Ingredient (U.S. 1273432) of—
- Etching electrolyte

Zinc Ethyldithiocarbamate

Rubber

Accelerator (U.S. 1513122) in—
- Vulcanizing processes

Oils, Fats, and Waxes

Linseed Oil Prices Irregular with Domestic Flaxseed Markets —Cottonseed Oil and Lard Futures Firm at Ceilings —Further Advance in Fish Oils—Trade Remains Quiet

There was no relaxation last week of the firm tone that has featured the market for vegetable, animal and fish oils, fats and greases for some time past. Prices were well maintained throughout the list. Cottonseed oil and lard futures were still held at ceiling levels. Soybean and flaxseed futures displayed irregularity at times, but this was apparently a reflection mainly of speculative operations rather than to any change in underlying conditions.

Business in most oils, fats and greases was slow. This was apparently due, however, more to a lack of offerings than to an absence of buying interest. Supplies of many domestic and imported products are small, and in the case of commodities of foreign origin much uncertainty still existed concerning future arrivals owing to submarine activity in the Atlantic and the lack of ocean tonnage.

Vegetable Oils

Castor, Dehydrated.—Steady contract movement. New business good. Market firm.

Chinawood. — Nominal quotations stationary. Tone firm. Fair inquiry. Consumption limits unchanged by recent ruling on sale of stocks in hands of manufacturers not permitted to use tung oil.

Coconut.—Trade awaiting developments. Offerings and quotations lacking.

Corn.—Quiet and nominal. Indicated corn acreage in coming season 91,348,000 acres, an increase of about 5 percent over last year.

Cottonseed.—Edible oil in fair demand. Quotations maintained. Tone firm.

Oiticica.—Local offerings light. Future supplies uncertain. Market quiet. Quotations nominal.

Peanut. — Offerings scarce, crude and refined. Quotations nominal. Indicated peanut acreage this year 4,150,000 acres, an increase of about 66 percent over last year.

Price Changes

Advanced

Menhaden oil, refined, 2/10c. per lb.
Linseed oil fatty acid, 1¼c. per lb.
Sardine oil, refined, 2/10c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
194.6	**194.2**	**191.4**	**135.8**

Market news that may have developed after this report was sent to press will be found on page 4.

Oilseeds

The intentions of farmers in this country on March 1 indicated the planting of 14,085,000 acres of soybeans alone for all purposes during the coming season, according to an official government report issued last week. This is 40.9 percent more than the 9,996,000 acres planted in 1941, and 34.0 percent more than the 1940 planting of 10,513,000 acres. Much of the increase this season is attributed to the government program for an increased production for processing.

Prospects point to a record high acreage of peanuts in 1942, many farmers growing the crop commercially for the first time owing to the remunerative returns to growers in 1941 and the assurance of a heavy demand for peanut oil. Indications on March 1 were for an area of 4,150,000 acres as compared with a planted acreage in 1941 of 2,498,000 acres.

The prospective acreage of flax to be seeded for flaxseed production in 1942 is 4,037,000 acres, which represents an increase of about 20 percent as compared with the 3,367,000 acres planted in 1941. The 1942 flax seedings now indicated would be the second largest of record in this country, being exceeded only by the 4,466,000 acres planted in 1930.

Perilla.—Supplies small. Inquiry limited. Quotations stationary.

Rapeseed. — Quiet and nominal. After April 1 rapeseed oil can be used only for the manufacture of marine engine oils, heavy machine lubricating oils, pneumatic tool oils, blown rapeseed oil and elastic solids for compounding rubber unless specific authorization for other uses is given by the Director of Industry Operations.

Soybean.—Quiet in absence of offerings. Intentions of farmers on March 1 indicated the planting of 14,085,000 acres in 1942, an increase of 40.9 percent as compared with 1941.

There was no trading in soybean oil futures on the New York Produce Exchange from March 21 to March 27, inclusive. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
May	....	....	12.00 bid
July	....	....	12.00 bid

Markets at Other Centers

Chicago—Mar. 27

Orders for vegetable oils are mostly for limited amounts. Corn oil, crude, mills, 12¾c. per pound; refined, edible oil, 15¼c. to 15¾c. per pound, drums, car lots; 15¾c. to 16c., less car lots. Soybean, crude, March-forward, 11¾c. per pound.

The market for soybeans on the Chicago Board of Trade was irregular. Following is a soybean price record, per bushel, for the week:—

	High	Low	Closing— Mar. 27	Mar. 20
May	$1.91⅜	$1.84⅜	$1.85⅞	$1.89⅝
July	1.93½	1.86⅝	1.88¼	1.91⅞

San Francisco—March 27

Vegetable oils remained firm. Light trading at ceiling prices.

Castor, Dehydrated.—Sellers still withdrawn, although making deliveries against contracts. Nominal. Unbodied at 19.7c. per pound; drums, bodied, at 20.7c. Prices spot, f.o.b. San Francisco.

Soybean.—Interest fair at 12¾c. per pound for crude, tankcars, Coast.

Cottonseed, Crude.—Quoted 12½c. per pound, tankcars, valley points.

Linseed Oil

Frequent changes in flaxseed prices. Linseed oil irregular. Meal steady.

Minneapolis, Mar. 27.—Speculative demand plus some crusher buying brought steady advances in flaxseed for a time and then a burst of selling on rumors that a new ceiling on linseed oil was in the making. In regard to this flax intent report. Insofar as Minnesota and Iowa are concerned the finale on acreage will not be definite until the end of the safe period for sowing. According to the official document published Tuesday farmers intend to sow a lot more oats and barley but in view of the fact that barley prices are showing a rather precipitous down movement there is apt to be considerable revision of ideas among the farmers before the final spring licks are put in. This is partially indicated in sales of seed to territory that heretofore has not been much interested in flax production.

The week's closing flaxseed price range was as follows:—

	Cash	May	July
Saturday	$2.75	$2.65	$2.64½
Monday	2.72½	2.62½	2.62½
Tuesday	2.72½	2.62½	2.62
Wednesday	2.66½	2.56½	2.56½
Thursday	2.70	2.60	2.59¾
Friday	2.75	2.64	2.63½

Crop movement in bushels follows:—

	Receipts— 1942	1941	Shipments— 1942	1941
This week	184,800	165,200	54,600	8,400
Since Sept. 1	9,591,000	2,053,200	1,864,400	608,500

Duluth, Mar. 27.—The week's closing flaxseed price range was as follows:—

	Cash	May
Saturday	$2.65	$2.65
Monday	2.62½	2.62½
Tuesday	2.62½	2.62½
Wednesday	2.56½	2.56
Thursday	2.60	2.60
Friday	2.64	2.64

Buenos Aires, Mar. 27.—Flaxseed, $1.38⅞ per bushel. Exports this week, 508,000 bushels, all to the United States. Total since January 1 as follows:—

To—	Bushels— This year.	Last year.
United States	3,736,000	2,826,000
United Kingdom	308,000	621,000
Continent	149,000	161,000
Orders	.....	.....
Others	8,000	246,000
Totals	4,201,000	3,854,000

Visible Supply

	Bushels.
Last week	29,500,000
Prevous week	29,500,000
Last year	6,299,000

Hull, Mar. 27. — Flaxseed, La Plata, £18⅞ per long ton; Bombay, £21 3/16.

Linseed Oil.—Local oil prices showed irregularity last week, this being a reflection of developments in flaxseed markets which were unsettled at times as a result of speculative operations. Early in the week the local oil market was firmer, with 13c. an inside quotation for tankcars. Later on seed prices weakened and quotations on oil were

STEARIC ACID
Single Pressed and Double Pressed
Available in either cake or flake form
Triple Pressed
IVORY BRAND

RED OIL
(OLEIC ACID)
RUBY OLEINE BRAND (*distilled*)
STAR BRAND (*saponified*)
CANARY BRAND
(*very pale yellow, especially suitable for best types of dry cleaners' soaps.*)

PROCTER & GAMBLE
MAIN OFFICES
Gwynne Bldg., Cincinnati, Ohio
220 East 42nd St., New York City
Branches and stocks in all large cities

QUALITY SERVICE
Manufacturers Since 1837
STEARIC ACID
Saponified and Distilled
Single, Double and Triple Pressed
Cake, Flake and Powdered
OLEIC ACID
Saponified and Distilled
Light Color, Various Titres,
Barrels, Drums and Tankcars
WHITE OLEINE
U. S. P. Specifications Guaranteed
CRUDE GLYCERINE 88%
TALLOW FATTY ACIDS
WHITE PALM OIL FATTY ACIDS
A. GROSS & CO.
Sales Office: 295 Madison Ave., New York, N. Y.
FACTORY: NEWARK, N. J.
AShland 4-8251 Cable: Grossray

Current prices on animal, vegetable, and fish oils (under Oil), fats and greases (under Grease) are given in the alphabetical list of prices beginning on page 9

Association Meetings:—

National Cottonseed Products Association, Rice hotel, Houston, Tex., May 4 and 5; Valley Division, Hot Springs, Ark., April 20 and 21; Texas, Baker hotel, Mineral Wells, June 8 and 9.

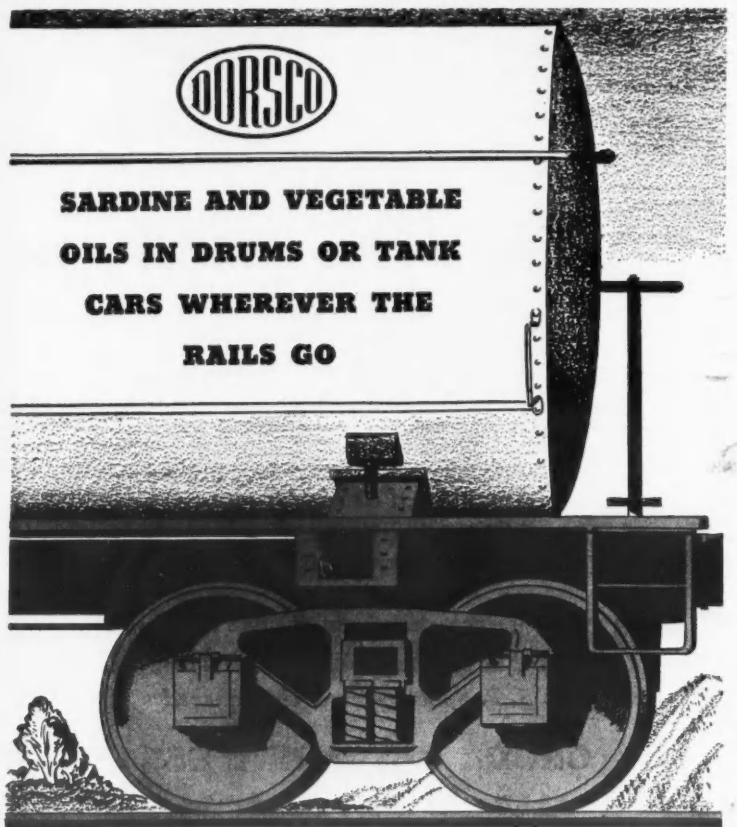
National Oil Mills Superintendents' Association, Texas hotel, Fort Worth, May 21 and 22; Tri-States, Hotel Claridge, Memphis, Tenn., May 14 and 15.

Tri-States Oil Mill Superintendents' Ass'n, annual convention, Hotel Claridge, Memphis, Tenn., May 7 and 8.

CHINA WOOD OIL
WAH CHANG TRADING CORPORATION
Woolworth Building
SPOT New York, N. Y. FUTURE

THE BRODE CORPORATION
MEMPHIS, TENNESSEE
Domestic and Export
PRODUCTS OF COTTONSEED PEANUTS and SOY BEANS
Members—Memphis Merchants Exchange (Futures in Cottonseed Meal)
New York Produce Exchange (Futures in Cottonseed Oil)
Codes: Yopps, Robinsons, Bentleys A B C, 5th Edition Peerless

DARLING'S PEARL-STEARIC
A FREE-FLOWING STEARIC ACID IN BEAD FORM
•
Measures, Weighs, Mixes and Melts Quickly
Also
Slab Stearic Acid
Oleic Acid
Red Oil
Fatty Acids
Glycerine
Pitch—and
Special Fatty Acids for Rubber Compounding
DARLING & COMPANY Manufacturers
4203 South Ashland Avenue • Chicago



OILS TRUE TO SPECIFICATION—36 types of "standard," California High Iodine Number sardine oils regularly refined and processed. Other oils prepared to your order—*and guaranteed true to your specifications.*
DORWARD & SONS CO.
260 CALIFORNIA ST., SAN FRANCISCO • REFINERY: RICHMOND, CALIF.
"where the sardine boats dock"

reduced three points by some sellers. Buying interest showed an increase, but actual business apparently did not involve important quantities, consumers and dealers in some cases being disposed to hold off for further developments in the seed situation. According to an official government report issued last week, farmers on March 1 were planning to devote 4,037,000 acres to flaxseed cultivation, against 3,367,000 acres planted last season.

Minneapolis, Mar. 27.—Except for increased orders for small lots of oil from nearby territory local linseed mills have been unable to do much fresh business.

Shipping instructions are good. Quotations on tankcar lots of linseed oil, 13.2c. per pound; cooperage car lots, 14.1c. per pound; warehouse lots, 14.5c. per pound, f.o.b. Minneapolis. Shipments of oil in pounds were as follows:—

	1942	1941
This week	5,000,000	4,450,000
Since Sept. 1	130,200,000	101,780,000

San Francisco, March 27.—Linseed oil in good demand. Flax crop generally very good throughout the state—in the Imperial Valley especially. Growers near here are being bid 30c. per bushel over the Minneapolis September future for No. 1 seed, whereas a year ago most bids were around 20c. premium. Oil quoted:—Tankcars, 13.3c. per pound; drum car lots, ex-mill, 14.2c.; drum lots, ex-warehouse, 14.6c.

London, Mar. 27.—Linseed oil, 41s. 6d. per cwt.

Linseed Meal.—The market retained a steady tone. Business was quieter.

Minneapolis, Mar. 27.—Linseed meal dull. Quotations on carload lots, bulk, $39 per ton, nominally, f.o.b. Minneapolis. Shipments of meal in pounds were as follows:—

	1942	1941
This week	6,120,000	6,680,000
Since Sept. 1	284,100,000	226,784,000

Cottonseed Oil

Refined cottonseed oil futures firm at ceiling prices. Southern markets for cottonseed products remained firm.

Cottonseed Oil.—A firm tone continued to prevail in the local market for refined oil futures, prices being held at ceiling levels throughout the week. The market was extremely quiet and there seemed to be little prospect of any change in the situation in this respect in the near future unless ceiling prices are revised. Talk of an impending upward change in the ceiling continued to be heard, but there was no official announcement of action of this nature, actual or contemplated. Further tenders on March contracts brought the total for the month thus far up to 18. The open interest in the market on March 25 was only 418 contracts.

Southern markets for crude cottonseed oil were also firm at ceiling prices. Offerings were scarce in all sections and no transactions were reported. According to one report, most mills will have no oil for sale until the work of planting the new cotton crop has been completed. Oils which compete with cottonseed oil were still scarce and nominal. Lard futures remained at ceiling levels. Soybeans were irregular as a result of speculative operations. According to an official government report the indications on March 1 pointed to an increase during the coming season of 40.9 percent in the soybean acreage

Rheem
REGISTERED TRADE MARK
STEEL SHIPPING DRUMS
RHEEM MANUFACTURING CO.
Newark, N. J. Chicago, Ill.
Houston, Texas New Orleans, La.
Richmond, Calif. Los Angeles, Calif.
Sparrows Point, Md.
Sydney, Australia

DISTILLED
FATTY ACIDS
Tallow Fatty Acids
Vegetable Fatty Acids
Cottonseed Fatty Acids
HYDROGENATED FATTY ACIDS
(Rufat 52)
STEARIC ACID
RED OIL
(Oleic Acid)
WILSON & CO. INC
WILSON-MARTIN DIV.
SNYDER AND SWANSON ST.
PHILADELPHIA, PA.

MENHADEN OIL
Light Cold Pressed
Alkali Refined
Kettle Bodied
Dark Pressed
Commercial Grades
Fish Oil Stearine
•
THE MENHADEN FISH PRODUCTS COMPANY
108 East York St., Baltimore, Md.

CHINA WOOD OIL
FOR AMERICAN DEFENSE AND INDUSTRY
UNIVERSAL TRADING CORPORATION
Cable: Unitracorp 630 FIFTH AVENUE, NEW YORK CITY *Phone: CIrcle 5-7646*

TALLOW
LARD OIL
NEATSFOOT OIL
ANIMAL STEARINE
ACIDLESS TALLOW OIL
INDEPENDENT MFG. CO.
Bridesburg P. O. Philadelphia, Pa.

and 66.1 percent in the peanut acreage.

Preparations for cotton planting were said to be far behind normal in all parts of the South. The total quantity of cotton ginned during the past season was 10,488,885 bales, against 12,297,970 bales in the previous season. The weight of the hogs received in Chicago during the week ended March 21 averaged 245 pounds, against 243 pounds in the previous week.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from March 21 to March 27, inclusive, comprised 2 contracts. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
May	....	....	13.98 bid
July	....	....	13.98 bid
October	13.98	13.98	13.98 bid

Crude, Southeast, 12⅝c., nom.

Chicago, Mar. 27.—Cottonseed oil is reported in good call, with offerings rather restricted. Refined, edible oil, 15¾c. to 16c. per pound, drums, car lots; 16¼c. to 16½c., less car lots.

Hull, Mar. 27.—Cottonseed oil, refined, 36s. 6d. per cwt.; crude, Egyptian, 21s. 1½d.

Cake and Meal.—Southern markets were generally reported as quiet, with narrow price movements.

Markets at Other Centers

Atlanta—Mar. 27

Cottonseed meal is reported scarce but not very active. Eight percent ammonia grade ranges from $39.50 to $41 per ton at various mill points in the Southeast. Prime crude oil holds steadily to the ceiling price for the Southeast.

Heavy rains in recent days are still holding back land preparation.

Memphis—Mar. 27

Crude cottonseed oil quiet. Bidding ceiling price, 12⅝c. Very little moving. Most mills report they will have no oil for sale until after planting. Crush is made. Meal, 41 percent, $37.25 per ton, Memphis. Bulk cake, $33 per ton, Valley. Bulk hulls, $6.50 to $7 per ton, Valley points. Closing cottonseed meal quotations on Memphis exchange as follows:—

	March 19	March 26
May	$37.60@—	$37.50@—
July	38.00@38.35	38.00@38.30
October	38.25@38.75	38.00@39.00

Closing soybean meal futures:—

May	$39.75@40.00	$39.00@—
July	39.25@39.60	39.00@—
October	38.25@38.50	38.50@—

Fatty Acids

Castor Oil.—Steady contract movement. New business fairly active. Market firm.

Cottonseed Oil.—Increased request for moderate lots. Prices maintained.

Linseed Oil.—Firmer with basic material. Quotations advanced 1¼c. Inquiry improved.

Red Oil.—Output moving steadily on contracts. New business good. Tone firm.

Stearic Acid.—Steady inquiry from local and other buyers. Car-load quotations withdrawn by some sellers.

Markets at Other Centers

Chicago—Mar. 27

Fatty acids remains in fairly good call, with the price structure firm. Corn oil, double distilled, 15c. to 15¼c. per pound, tankcar; 15½c. to 15¾c., drums, car lots; 16c. to 16¼c., less car lots; cottonseed oil, double distilled, 14¼c. to 14¾c. per pound, tankcar; 14¾c. to 15c., drums, car lots; 15¼c. to 15½c., less car lots; settled cottonseed soap stock, 60-62 percent basis, 3⅞c. to 4c.; boiled down soap stock, 65 percent basis, 4⅞c. to 5c.; cottonseed foots, 50 percent basis, 3⅞c. to 4c.

Fish Oils

Cod.—Primary offerings still limited. Quiet and nominal here.

Sardine.—Refined oil stocks light. Fair small-lot inquiry. Quotations advanced two points.

Whale.—Refined oil prices maintained. Tone firm. Trade quiet.

Markets at Other Centers

Baltimore—Mar. 27

Crude menhaden temporary ceiling continues in effect. Business at standstill. Florida fishing season expected to open about April 1.

San Francisco—March 27

Fishing operations in Southern California continued in a limited way, despite the fact that the legal closing date was the end of February. There was no reported business and prices were quoted at the ceiling of 66½c. per gallon in Northern California and 67½c. in South.

Fats and Greases

Grease.—Increased inquiry noted in some quarters. Spot stocks apparently light or moderate. Market firm.

Lard.—Domestic cash demand reported somewhat more active. Prices maintained. Tone firm.

Tallow.—Moderate volume of inquiries reported. Offerings generally light. Market firm.

Chicago, Mar. 27.—Demand for fats and greases has been fairly active. Choice white grease, 9.71c. per pound; prime stearin, 10½c. per pound; inedible tallow, prime, 9.71c. per pound. Following is a lard price record, per 100 pounds, for the week:—

	High	Low	Closing Mar. 27	Closing Mar. 20
Cash	$12.69½	$12.69½	$12.69½	$12.69½
May	12.82	12.82	12.82	12.82
July	12.82	12.82	12.82	12.82

Animal Oils

Degras.—Steady inquiry for common and neutral. Local stocks light. Quotations mainly nominal.

Lard.—Firm at recent advance. Fair movement of moderate lots.

Neatsfoot.—Local stocks apparently light or moderate. Quotations maintained.

Chicago, Mar. 27.—Inquiry has picked up on some of the animal oils. Lard oil, No. 1, 14c. per pound; oleo oil, extra, 13c.; prime, 12¾c.; acidless tallow oil, 13½c. per pound, barrels.

Waxes

Bees.—Demand good. Market active. Not too much stock available. Prices maintained on agreed basis.

Candelilla.—OPA price basis maintained in all quarters. Mexican market strong. Demand very good. Stocks low.

Carnauba.—Fair but not expansive demand on spot. Prices apparently steady. Possibly less profit-taking than usual.

Japan.—Some price shading reported. Result of slow demand. Sales alleged at 38c. Minimum quotation usually 40c.

— • • • —V— • • • —

Phila. Oil Trades Ass'n Elects Officers, Directors

Philadelphia Oil Trades Association, at its recent annual meeting in the Bellevue-Stratford hotel, has elected the following: — President, Charles D. Jones, of Charles D. Jones & Co.; vice-president, C. A. Borda, of East Coast Petroleum Company; secretary, H. M. Rogers, of Charles K. Smith Company, and treasurer, J. H. Stevenson, of Stevenson Bro. & Co.

— • • • —V— • • • —

Tung Oil Loan Repaid By Chinese Government

The $22,000,000 loan to the Universal Trading Corporation, controlled by the Chinese government, made by the Export-Import Bank in 1938 has been repaid nine months before its maturity date. The repayment was not made out of the recent $20,000,000 loan made by the Department of Treasury, but from the proceeds of tung oil for the purchase of which United States made available the money.

— • • • —V— • • • —

Opium Procurement Program Reported

Purchase of 1,500 cases (approximately 120 tons) of opium has been recommended by the War Production Board, according to the report of the Reconstruction Finance Corporation and its subsidiaries issued by Jesse H. Jones, Secretary of Commerce. This recommendation was approved by the Commissioner of Narcotics, Harry J. Anslinger, and the Defense Supplies Corporation has arranged for the purchase of 40 tons from Iran and 37½ tons from India.

The Board of Economic Warfare, Mr. Jones reports, recommended purchase of the entire quantity of opium available in Turkey. Procurement of Turkish opium in whatever amount is available, up to approximately 325 tons, has been authorized and is being negotiated, although no increase has been made in the quantity recommendation of the War Production Board.

The total cost of the opium procurement programs is estimated to be $6,000,000.

WPB to Open 13 Regional Offices

—*Continued from page* 3

tract distributor in Pennsylvania, has been vice-president and director of the Beaver Coal Company. For several years he has been a partner in W. H. Newbold's Son & Co., investment firm in Philadelphia.

Ernest Kanzler, Detroit regional director, has been chief of the automotive branch of the War Production Board since early January. A resident of Detroit, he was the founder of the Universal Credit Corporation and served as its president from 1928 until he joined the staff of the WPB. Mr. Kanzler for a number of years was vice-president in charge of production for the Ford Motor Company.

John C. Virden, of Cleveland, recently resigned from the chairmanship of the board of directors of the John C. Virden Company, manufacturers of electrical equipment in Cleveland, to identify himself with the work of the War Production Board.

— • • • —V— • • • —

Vitamins Discussed At S.C.I. Meeting

—*Continued from page* 7

and bread in the United States must contain definite amounts of certain vitamins.

Through fundamental research, Dr. Major said, each vitamin in its turn has been discovered as a nutritional factor, extracted from the natural food source, purified, analyzed and many have been synthesized. By the labors of the chemist and chemical engineer, backed by management, he said that the test-tube synthesis of the laboratory has been converted into commercial production. Because of the commercial availability of the synthetic vitamins resulting from these successful labors, it is now possible to help in maintaining the health and vigor of the nation at an optimum at a time of national crisis, he added.

Dr. Lela E. Booher, of the Milwaukee Children's Hospital, spoke on "Chemistry and Nutrition of the Vitamins."

— • • • —V— • • • —

Quinine Substitute Marketing Probed

—*Continued from page* 3

istered in this country between 1930 and 1938. Mr. Arnold is also endeavoring to determine the amount of the investment by Winthrop Chemical in the patents, as well as the cost for experimentation and the like. In addition, he has raised the question as to what other companies have negotiated for the use of patents.

James Hill, jr., president of Sterling Products, announced at the company's annual meeting that production of 'Atrabine' has been increased by approximately 8,000 percent to meet the quinine deficiency in the United States. He said virtually all adjustment in the company's policy, management and operations resulting from the consent decrees entered in Federal court last year, which terminated Sterling's contractual relationship with I. G. Fargbenindustrie, "had been completed before the declaration of war by the United States."

Quinine Purchase Asked

The War Production Board has recommended the purchase of 2,000,000 ounces of quinine, according to Jesse H. Jones, Secretary of Commerce, as head of the Reconstruction Finance Corporation. Defense Supplies Corporation purchased 2,000,000 ounces, 500,000 ounces of which were lost at sea. The balance, 1,500,000 ounces, has been received. The Board of Economic Warfare subsequently recommended that additional purchases of quinine be made up to 3,000,000 ounces.

Defense Supplies Corporation has agreed to buy the 3,000,000 ounces additional but it is unlikely that this amount can be obtained in view of recent developments in the Far East. While the War Production Board has not yet increased its quinine recommendation, Defense Supplies Corporation has made, in addition to the above purchase, an emergency purchase in the form of bark, equivalent to about 3,165,000 ounces, and arranged for its immediate shipment to Australia for trans-shipment to the United States. The total cost of the quinine program is estimated to be $6,050,000.

— • • • —V— • • • —

Synthetic Rubber Patents Freed

—*Continued from page* 4

developed by the American oil industry. It added, however, that in many instances I. G., under orders from Hitler, had refused to transfer to Standard information and processes held by I. G., "for reasons of military expediency."

According to the government this was particularly true in regard to synthetic rubber. Jasco, Inc., was established in Louisiana by I. G. and Standard in relation to the development of synthetic rubber, the complaint stated. Although the partners had agreed to pool information, it added, I. G. refused to turn over to Standard its process for making Buna-S and Buna-N until 1939, seven years after the start of its commercial production in Germany.

Despite this, however, according to the complaint, when Standard developed Butyl, a cheaper and more desirable synthetic, in 1938, it immediately made it available to I. G. The complaint stated also that Standard and I. G. discouraged independent synthetic rubber research in the United States by promising Buna licenses to American rubber and chemical firms, although they had no intention of issuing these licenses.

SUN BLEACHED
Beehive Brand BEESWAX
• Finest Quality
• Guaranteed Pure
WILL & BAUMER CANDLE CO., INC.
Dept. E-3 Syracuse, N. Y.
Established 1855
Spermaceti Ceresine Red Oil Glycerine Stearic Acid
WARRANTED PURE BEES WAX

The best that can be produced. It is 100% PURE BEESWAX and measures up to all the requirements of the U. S. P.
SPECIFY TL BRAND
BEESWAX
THEODOR LEONHARD WAX CO., INC. (Dept. A)
Haledon ESTABLISHED 1852 Paterson, N. J.

BORYSLAW OZOKERITE
THREE STARS
TRADE MARK MADE IN U.S.A.
AMORPHOUS MINERAL WAX
190°F. Melting Point (minimum)
BLACK AMBER
BROWN YELLOW
Manufactured by
AMERICAN WAX REFINING CORPORATION
CAVEN POINT ROAD Phone BErgen 4-3237, 3238 JERSEY CITY, N. J.

MERCK CONTRIBUTIONS IN THE VITAMIN FIELD

1934	*Ascorbic Acid Merck (U.S.P.) was made available.*
1936	*Vitamin B_1 was synthesized in the Merck Research Laboratories.*
1937	*Vitamin B_1 Crystals Merck (Thiamine Hydrochloride U.S.P.) was made available.*
1938	*Nicotinic Acid Merck (U.S.P.) was made available.*
1938	*Riboflavin Merck (Vitamin B_2) was made available.*
1938	*Alpha-Tocopherol (Vitamin E) was identified and synthesized by Merck chemists and their collaborators in other laboratories.*
1939	*Vitamin B_6 was synthesized in the Merck Research Laboratories.*
1940	*Vitamin B_6 Hydrochloride Merck was made available.*
1940	*Alpha-Tocopherol Merck (Vitamin E) was made available.*
1940	*2-Methyl-3-Phytyl-1, 4-Naphthoquinone (Vitamin K_1) was made available.*
1940	*2-Methyl-Naphthoquinone Merck (Vitamin K Active) was made available.*
1940	*Pantothenic Acid (Member of B Complex) was identified and synthesized by Merck chemists and their collaborators in other laboratories.*
1940	*Calcium Pantothenate Dextrorotatory Merck was made available.*

WITH vitamins commercially available as pure substances, it is possible to formulate desirable vitamin combinations with consummate ease. By using these pure chemicals of known and uniform potency, the proportions of the individual vitamins can be readily adjusted to meet the pharmaceutical manufacturer's specific requirements. It is only through the use of these pure vitamins that the high dosages indicated in severe deficiency states can be provided.

The identity of pure vitamins produced by chemical synthesis, and pure vitamins derived from natural sources—in chemical composition, physiologic function, and physical characteristics—is definitely and authoritatively established.

Our scientific staff and laboratories are prepared to serve you.

For Victory—Buy Defense Savings Bonds and Stamps

MERCK

FINE CHEMICALS FOR THE PROFESSIONS AND INDUSTRY SINCE 1818

MERCK & CO. Inc. *Manufacturing Chemists* **RAHWAY, N. J.**

NEW YORK • PHILADELPHIA • ST. LOUIS • *In Canada:* **MERCK & CO. Ltd., Montreal and Toronto**

Drugs and Fine Chemicals

Medicine Maker Orders Menthol to Be Made from American Peppermint Oil—Government Moves Against Quinine Substitute Monopoly—Market Active

Two developments provided features in the market for drugs and fine chemicals last week. First, there was the definite order for menthol made from American peppermint oil and filed by a proprietary medicine maker. Second, there was the Federal government's admission of losing 500,000 ounces of quinine at sea and the suggestion that the government would take over the process for making a proprietary substitute for quinine. Both developments contained the making of important events in the future. Prices on borax and boric acid were extended. Freight rise for buyer's account.

No natural nor synthetic menthol can be imported now. Production of domestic synthetic depends on citronella oil and fortunes of war have wiped out Java as a source and menaces the remaining source in Ceylon. Domestic production can be ended by inability to get raw material. Hence, one of the two largest consumers of menthol, who happens to be the maker of a popular proprietary medicine, although reporting menthol enough for a year, last week admitted contracting for menthol to be made from domestic peppermint oil. It seems likely that practically every menthol user eventually will be demanding such a product.

The Office of Price Administration has yet to act to control prices and stocks of quinine as well as cinchona bark. Every ounce of quinine and pound of bark has taken on a new meaning since the Japs took Java. OPA possibly has confidence in the firsthand quinine sellers whose sales policy has been thus far based on remarkable sanity and patriotism. One of the more successful quinine substitutes is made here under patents originating in Germany. At the moment, production is the monopoly of a single company. Hence, the emergency may force the government to make the process available to all drug manufacturers.

Quinine

Foresight of the Federal Government and private industry has provided a stock pile of quinine and cinchona bark. How large the pile is the secret of a few. But official statements last week threw some light on the situation.

The Reconstruction Finance Corporation admitted the loss at sea of 500,000 ounces out of 2,000,000 ounces bought in Java for United States account.

Federal Loan Administrator Jones admitted that the Defense Supplies Corporation had bought 1,500,000 ounces; had agreed to buy another 3,000,000 ounces the purchase of which now seems unlikely; and had bought cinchona bark equivalent to 3,165,000 ounces of quinine and arranged for its shipment to Australia and eventual transshipment to this country.

The RFC indicated that the Bandoeng, Java, factory, producer of about 33,000,000 ounces annually, had probably been wrecked before the Japs moved in. But RFC felt that complete destruction of the cinchona trees growing on 77,000 acres cultivated was improbable because of being practically impossible in a short time.

Should shortage come, then the existence of a quinine substitute would become of national importance. Such a substitute exists now as the monopoly of a single American company licensed exclusively under the German patent. The company last week declared its intention to raise production 8,000 percent over the prewar level.

But the company has yet to free the patent for the use of all during the duration, thereby escaping the opprobrium entailed when monopolistic profits are made out of national calamity.

Price Changes

Advanced

Menthol, 50c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
239.4	237.9	238.1	207.7

Market news that may have developed after this report was sent to press will be found on page 4.

Acetanilide.—No change in demand, supply or price. Firm market.

Acetone.—Minimum quotations carried into second quarter by seller thereat. Range in prices remains very wide.

Acid, Boric.—Prices extended, apparently indefinitely. Producers permitted to pass the March 18 freight rise to buyers.

Acid, Citric.—Thoroughly good demand. Demand due to expand. Doubtful that production can be raised much. Steady.

Acid, Tartaric.—Strong and active. Still below required supply.

Agar.—All stocks still frozen. Is becoming real financial burden to holders with large sums of money being also frozen.

Alcohol.—Production difficulties as between molasses and agricultural products producers remain unsolved. Time pressed hard for a jump in production. War demanding more and more alcohol as program expands and consumption of war goods grows. Prices remain on ceiling basis.

Ammonia Benzoate. — Not readily obtainable. Strong in all respects.

Ammonia Citrate.—Moving actively. Demand likely to gain.

Ammonia Phosphate. — Strong and active at full market prices.

Bismuth Metal and Salts. — Some gain in demand for major salts. Consumption of metal excellent. Completely stable prices.

Borax.—Prices extended, apparently indefinitely. March 18 rise in freight rates may be passed to buyer.

Cadmium.—Metal and all deriva-

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 9

Association Meetings:—

Packaging Exposition and Conference, Hotel Astor, New York, April 14 to 17.

National Wholesale Druggists Ass'n, Palmer House, Chicago, April 15-17.

American Drug Manufacturers Ass'n, White Sulphur Springs, May 4-7.

IMMEDIATE DELIVERY OR CONTRACT

Powdered Extract of

BELLADONNA LEAF U.S.P.

Powdered Extract of

HENBANE LEAF U.S.P.

These extracts are carefully prepared and assayed by one of the leading analytical laboratories before being released for shipment. The amount of alkaloids in both these extracts are as close to the maximum allowed by the U. S. P. as can be possibly attained. You are therefore assured of a very satisfactory quality.

Other Specialties:

POWDERED EXTRACT OF ERGOT N. F.

DIGITALIN N. N. R.
(so-called German Process)

ATROPINE SULFATE U. S. P.

DIGITONIN AMORPHOUS

HISTIDINE MONOHYDROCHLORIDE

TRYPTOPHANE

●

Prices and further information on request

B. L. LEMKE—FINE & RARE CHEMICALS

248-250 West Broadway New York, N. Y.

MADE FROM AMERICAN LEMONS

Exchange Citric Acid is made by the world's largest lemon products plant in the midst of America's biggest year round supply of lemons.

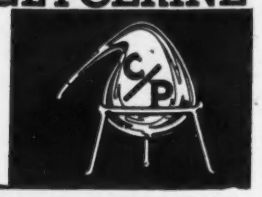
CALIFORNIA FRUIT GROWERS EXCHANGE, PRODUCTS DEPARTMENT

189 W. Madison St., Chicago ONTARIO, CALIFORNIA 99 Hudson St., New York

WAREHOUSE STOCK NORMALLY CARRIED IN NEW YORK, CHICAGO, PHILADELPHIA, SAN FRANCISCO

Copyright, 1941, California Fruit Growers Exchange, Products Dept.

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
220 East 42nd Street, New York City



SEYDEL
SODIUM BENZOATE U.S.P.
Standard for a Quarter of a Century
SEYDEL CHEMICAL COMPANY
Established 1904 JERSEY CITY, N.J. BErgen 3-7847

IMPROVED
NON-TOXIC SAPONIN
Manufactured by
ORIGINAL CALIFORNIA SAPONIN COMPANY, 1100 E. Baseline SAN BERNARDINO, CAL.

NATIONAL
BRAND
MILK SUGAR
QUALITY STANDARD THE WORLD OVER SINCE 1883
ALPHA LACTOSE
BETA LACTOSE
NATIONAL MILK SUGAR COMPANY
Division of The Borden Company
350 MADISON AVENUE NEW YORK, N. Y.

COD LIVER OIL
U. S. P.
H. H. ROSENTHAL CO., 25 East 26th Street, New York City
Cable Address "Rodrug" All Codes

LABORATORY REAGENTS
C&B
Inorganic and Organic Chemicals
Biological Stains Solutions
Chemical Indicators Test Papers
THE COLEMAN & BELL COMPANY
INCORPORATED
NORWOOD Manufacturing Chemists OHIO, U. S. A.

VINYL ACETATE
(STABILIZED)
Boiling Range:— 71.8° C. to 73° C.
Containers:— Non-returnable 55-gal. drums, 410 lbs. net weight.
Uses:— Preparation of poly-vinyl acetate, alcohol, and acetal resins.
Preparation of sulfa-type pharmaceuticals.
The vinyl group is very reactive in all halogen and halogen acid reactions, and addition reactions with other unsaturated or polymerizable materials as ethylene, amylene, coumarone, and turpentine.
NIACET CHEMICALS CORPORATION 4703 PINE AVE., NIAGARA FALLS, NEW YORK

tives strong. Demand active and pressing. Stocks limited.

Caffeine.—Nothing yet heard about price orders or requests reported cooking in Office of Price Administration.

Calcium Glycerophosphate. — Seasonal demand in offing. Stocks conservative.

Calcium Mandelate.—Well stabilized prices and demand.

Camphor.—Practically nothing but small stocks domestic synthetic on open spot market. Expanding production needed, but hard to achieve.

Castor Oil.—Strong at ceiling prices. Stabilized. Demand firm.

Chicago, March 25.—Castor oil steady. Prices are:—Cold pressed, U.S.P., returnable drums, car lots, 14½c. per pound; drums, less than car lots, 15¼c.; tanks, 13¾c.; No. 3, extracted, returnable drums, car lots, 14¼c. per pound; drums, less than car lots, 15c.; tanks, 13½c.

Chloral Hydrate.—Firm. Demand good. Leading producers report good deliveries.

Chloroform.—Active. Call for technical specially good. Prices apparently stabilized.

Cinchonidine. — Only absolutely necessary quantities sold. Real determination to reduce volume noted.

Cinchonine. — Stocks husbanded carefully.

Codliver Oil.—No disposition to sell new crop very far ahead. Future highly uncertain. Sellers greatly reserved.

Collodion. — Demand better than normal. Prices firm.

Ether.—Higher prices may eventually be forced. Production costs rising.

Fish Liver Oils. — Market fairly quiet. Buyers awaiting further developments in supply situation.

San Francisco, Mar. 24.—Fish livers dormant. Trade awaits Washington action on price ceiling or other measures affecting the sale of vitamin oils. Catch of sharks in Northwest and Mexico continues large. Market for A oils easier. No quotations made.

Glycerin. — Allocation order being constructed by Office of Price Administration. Will apply on car-lot business. Deliveries of less-car-lot quantities only after allocation requirements have been set. At the best, less-car-lot buyers will get not more than 50 percent of their 1940 purchases. Large scale production petroleum glycerin scheduled.

Chicago, March 25.—Glycerin firm. Orders large. Prices for both chemically pure and high gravity:—Tankcar, 18c. per pound; drums, car lots, 18¼c.; drums, less than car lots, 18¾c.

Hexamethylenetetramine. — Well stabilized. Price agreement not breeched. Demand excellent.

Hydrogen Peroxide. — Stocks not over plentiful. Needs noted in excellent volume.

Iodine and Iodides.—Consumption running to excellent limits. Steamer service with primary market devoted mainly to strategic raw materials.

Mannitol. — Consumption excellent. Prices display stability.

Menthol.—Production from American peppermint oil ordered by large proprietary medicine maker. Expected all users eventually will be in market. Not certain that Office of Price Administration will control price.

Mercurials.—Stable in price. Raw material prices held at ceiling. Demand good. No surplus supply.

Methanol.—Consumption excellent. Market for every pound synthetic

Newfoundland
Medicinal
COD LIVER OIL
Newfoundland
COD OIL
SEAL OIL
SCANDINAVIAN OIL CO.
79 Wall Street New York
WHitehall 4-8919-8956

EELSINGH & LUGTIGHEID
Importers & Exporters
GRAND RAPIDS • MICH.
Cable Address: Elco
MANUFACTURER'S AGENTS FOR
* HIGH POTENCY A and D OILS
* SHARK LIVER OIL
* TUNA LIVER OIL
* SARDINE OIL
* FINEST QUALITY, IMPORTED U. S. P. COD LIVER OIL
We Invite Your Correspondence

ROBINSON WAGNER CO.
MANUFACTURERS OF
USP LANOLINE
PHARMACEUTICAL
COSMETIC — TECHNICAL
WOOLGREASE
REFINED NEUTRALS
110 EAST 42nd STREET
NEW YORK CITY

NATURAL ESTROGENS in Oil
HORMONES — CHOLINE DERIVATIVES
PACS CHEMICAL PRODUCTS, Inc., 470-474 Frelinghuysen Ave., Newark, N. J.
Telephone: BIgelow 3-4488

LEGHORN TRADING CO., Inc.
21 West Street Telephone WHitehall 3-9636-7-8 New York City
TARTARIC ACID
CREAM OF TARTAR
PURE IMPORTED EDIBLE OLIVE OILS
OLIVE OIL FOOTS
RED OIL
PALM OIL
RAPESEED OIL
TEASEED OIL
SESAME SEED OIL
Specialists in Finest California Edible Olive Oil

material produceable. Strong undertone.

Methyl Acetone.—No limit to demand for decidedly limited production possible under present plant setup.

Methylene Blue.—Normally active call for medicinal item.

Molasses.—Blackstrap strong. Not much available. Consumption heavy. Likely to rise, if possible.

Milk Powder.—Substantial propaganda afoot to end losses of fluid milk by increasing production of powdered item.

Quicksilver.—Unchanged in any respect. Not much unsold metal on spot. Production about to rise in West. Contracts cover production well into future. Reported on Pacific Coast March 25 10,000 flasks being brought in from Canada. No details. If true, believed to be American metal sold previously to Canada. New York unable to confirm.

San Francisco, Mar. 25.—Quicksilver inactive. Tone easier. Trading, hand-to-mouth. Dealers lowering bids to mines.

Quinine.—Office of Price Administration not yet controlling prices and stocks. Government admits loss of 500,000 ounces quinine at sea. Part of 2,000,000 ounces purchased for Federal stock pile. Holder of German patented substitute plans expansion output. Believed government will seize patent and release to drug manufacturers generally. Investigation of owner of monopoly already ordered.

Resorcinol. — Consumption steady. Volume maintained well. Prices firm.

Salicin.—Stocks very small. Cannot be increased.

Santonin.—Season for widening demand at hand. Increase in consumption likely as food needs increase need to expand meat production.

Salol.—Demand sustained steadily. Very firm undertones. Consumption excellent.

Seidlitz Mixture.—No gain in stocks. No falling off in demand. No change in price.

Silver Nitrate. — The schedule of prices since the last report prevailed as follows, covering quantities of 250 ounces; quantities of 500 ounces at ¼c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	26⅞	35⅛	23½
Monday	26⅞	35⅛	23½
Tuesday	26⅞	35⅛	23½
Wednesday	26⅞	35⅛	23½
Thursday	26⅞	35⅛	23½
Friday	26⅞	35⅛	23½

Resale Markets

Reasonable activity was noted in resale circles last week and a fair volume of business was done in drugs and fine chemicals the price and distribution of which are not controlled by edicts of the Office of Price Administration. The amount of merchandise free of restrictive measures grows steadily smaller and it seems certain that all key products will be brought under control eventually. Holders of merchandise reported it to be increasingly difficult to get export permits from the government, a fact that tends to turn many stocks back into the market for domestic consumption.

Quotations obtained last week included: — Aminopyrene, $5.85 per pound; antipyrene, $2.90; saccharin, $3; acetophenetidin, $1.85; santonin, $2.30 per kilo; soda benzoate, 92c. per pound; codliver oil, U.S.P., $72 per 30-gallon drum; theobromine, $17 per pound; caffeine, $11.50.

- - - —V- - - —

N.W.D.A. Defendants Plead Not Guilty

—Continued from page 7

cluded also Harold Harper and Guy C. Heater. The government was represented by Kenneth L. Kimble, special assistant to the Attorney-General, who had prepared the case.

The pleas reserved the customary right of amendment and supplement. Mr. Kimble presented an order for the filing of demurrers and other motions within thirty days. This was signed by Judge Smith, who asked that briefs for the information of the court be submitted to him within the same period. In view of assurances by counsel, the defendants were not required to post bonds

Aluminum, Magnesium Repair Order Issued

—Continued from page 5

rials required in the event of an actual breakdown or similar emergency, and an A-1-c rating on orders for materials required to avert a breakdown or when there is a threatened failure to meet basic production schedules.

When an order bearing the A-1-a or A-1-c rating assigned under P-120 is served on a supplier, it may be extended only if the supplier is unable to fill the order out of his own inventory. If such an order is filled by a supplier from inventory, he may, however, use an A-1-j rating to replace the same amount of material in his inventory.

Before applying a rating under P-120, a producer entitled to operate under the terms of the order must furnish each of his suppliers with a copy of the order. Thereafter the rating may be applied by a simple endorsement on the producer's purchase orders containing the serial number which has been assigned to him.

Suppliers to whom rated orders are served in accordance with the terms of P-120, must execute a special form of acceptance directed to the War Production Board before they are permitted to extend the ratings. Thereafter they may include in a single purchase order to their suppliers or subsuppliers material which they have delivered pursuant to two or more orders with ratings assigned under P-120, regardless of serial numbers. They may not, however, extend more than one class of rating in a single order.

Producers who wish to operate under P-120 must apply for serial numbers on form PD-371 and must file quarterly reports of the use of the ratings on form PD-372. Forms PD-371 and PD-372 will be available in two or three weeks.

- - - —V- - - —

F.T.C. Hits Glucose Marketing Scheme

—Continued from page 7

based on the price at Chicago plus freight to the purchaser's destination regardless of the point of origin of the shipment; (2) use of container differentials, based upon the type of container used for shipping, added to the railroad tank car price; and (3) allowing certain customers more time than is allowed others after a price increase has been announced within which to purchase glucose at the price in effect before the increase was announced and allowing favored customers more time within which to take delivery of glucose so ordered. The granting of preferential treatment to favored customers by the respondents under the guise of this order "booking" system has resulted in substantial discriminations in price among candy manufacturers, the commission said.

Corn Products Refining Company with an authorized capital stock of $100,000,000, owns and operates corn grinding and refining plants at Pekin and Argo (Chicago), Ill.; North Kansas City, Mo.; and Edgewater, N. J.

A similar order to cease and desist from price discriminations in connection with the sale of glucose, in violation of the Robinson-Patman act, has been issued by the Federal Trade Commission against Clinton Company, manufacturer of corn products, Clinton, Iowa, and its subsidiary, Clinton Sales Company, Chicago.

The respondents' plant at Clinton has a corn grinding capacity in excess of 32,000 bushels daily and is equipped with complete facilities for producing all known corn products for household and industrial use, including glucose. Findings of the commission, upon which the order to cease and desist is based, are in part as follows:

The respondents sell glucose largely to manufacturers of candy and mixers of table syrups on a delivered price basis, the tankcar price in Chicago being the base from which their prices to purchasers at all other locations are determined, and such other prices are arrived at by adding to the Chicago base price the amount of the railroad freight rate from Chicago to the purchaser's location. By comparing the price differences among customers in different cities with the applicable freight rates, it is evident that the price differences created by the respondents' pricing system do not reflect actual differences in the respondents' delivery costs.

- - - —V- - - —

Lee Wiltsee Made Member Of Veterans Apothecaries Ass'n

The Cincinnati branch of the Veterans' Apothecaries Association has elected Lee Wiltsee, vice-president and treasurer of The Wm. S. Merrell Company, pharmaceutical manufacturer, an active member. Membership is limited to twenty-five, and one of the qualifications is twenty-five years of active service in the drug business. Mr. Wiltsee has been in the drug business forty-eight years, all of which time he has been associated with the Merrell company.

- - - —V- - - —

Drug, Chemical Square Club to Meet April 18

The Drug and Chemical Square Club will hold a beefsteak dinner and dance in the Aldine Club, Twenty-third Street and Fifth Avenue, this City, April 18. Fred G. Hammond, 420 Lexington avenue, this city, is secretary of the club.

- - - —V- - - —

American Institute of Chemical Engineers will hold its thirty-fifth annual meeting in the Statler hotel, November 16-17.

ALL GRADES OF
REFINED GLYCERINE
U. S. P. B. P.
YELLOW DISTILLED
HIGH GRAVITY
DYNAMITE
★ ★ ★ ★
REFINERIES LOCATED AT
• Brooklyn, N.Y.
• Jeffersonville, Ind.
• Jersey City, N. J.
• Berkeley, Calif.
• Kansas City, Kans.
COLGATE-PALMOLIVE-PEET CO.
GLYCERINE DEPARTMENT
105 HUDSON STREET
JERSEY CITY, NEW JERSEY

VITAMIN PRODUCTS
FISH LIVER OILS
THE ATLANTIC COAST FISHERIES COMPANY
111 JOHN STREET, NEW YORK, N. Y.

PLYMOUTH STEARATES
ALUMINUM — ZINC — CALCIUM — MAGNESIUM
Established Qualities Manufactured for thirty years by
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
89 Beekman Street, New York City
DISTRIBUTORS: THOMPSON-HAYWARD CHEMICAL CO., KANSAS CITY, MO., AND BRANCHES

MENTHOL (CRYSTALS)
Japanese and Chinese
PEPPERMINT OIL (NATURAL AND REFINED)
PAUL A. DUNKEL & CO., Inc.
82 Wall Street HAnover 2-3750 New York, N. Y.
Representatives: CHICAGO: J. H. DELAMAR & SON, 160 E. Illinois Street
NEW ENGLAND: P. A. HOUGHTON, INC., Boston, Mass.
PHILADELPHIA: R. PELTZ & CO., 36 Kenilworth Street

ALKALOIDS
GLUCOSIDES — DRUG EXTRACTIVES
ACONITINE
ARECOLINE
ASPIDOSPERMINE
ATROPINE
BERBERINE
CHRYSAROBIN
COLCHICINE
DIGITALIN
EPHEDRINE
ESERINE
HOMATROPINE
HYDRASTINE
HYOSCINE
HYOSCYAMINE
LOBELINE
PICROTOXIN
PILOCARPINE
SANGUINARINE
SPARTEINE
STROPHANTHIN
YOHIMBINE
AS IN WORLD WAR I
NOW IN WORLD WAR II
OUR laboratories are answering the challenge of keeping pace with the unprecedented demand for alkaloids, glucosides, and allied drug extractives for domestic consumption and for export to the other countries of the Western Hemisphere.
Our alkaloidal chemists and botanical staff are cooperating with you to the utmost in coping with the present emergency in regard to our supplying this vital group of drug products. The service that we are rendering is backed by twenty-four years of continuous production of alkaloids, World War I experience, comprehensive research endeavors, and extensive manufacturing facilities.
INLAND ALKALOID COMPANY
Manufacturing Chemists
TIPTON, INDIANA, U.S.A.

From TREE TO PACKAGE
PENICK *Evenized* GUMS
are scientifically nursed

Extending a far-flung field organization into more remote sections of the globe to uncover new sources of botanical supply . . . and maintain a steady flow of botanical raw materials from abroad.

ARABIC

Keen selectors of high quality raw materials, Penick buyers know the same Gum Arabic tree can yield both top and bottom acacia grades. Reason one for the unrivalled whiteness, viscidity, and other qualifications of Penick Gum Arabic.

KARAYA

Long-time experts on Karaya, Penick proffers intelligent advice on the gum's viscosity, surface adhesion, precipitation, invites inquiry on the type you may need. Important are the maximum strength and purity of Penick Karaya.

Write for samples, quotations and the "Price List and Manual"

Native women assorting Gum Tragacanth for shipment to S. B. Penick and Company

TRAGACANTH

There is always a suitable grade of gum for the purpose at the right price. Here, again, Penick excels, solicits consultation. From the tragacanth trees of Persia and Turkey come Penick ribbon and flake tragacanths — for making Crystals, Powder, Special Millings, and other forms.

AT the beck and call of Penick customers are skilled chemists, botanists, biologists, a host of scientists. Whole and milled, special grades of gums can be prepared to specifications.

ORDER FROM ONE RELIABLE SOURCE—Gums, Insecticide Bases, Crude Botanicals, Fish Liver Oils, Extracts, Alkaloids, Cosmetic Raw Materials.

S. B. PENICK & COMPANY

50 CHURCH STREET, NEW YORK **735 WEST DIVISION STREET, CHICAGO**

Rationing Authority Now Shared by Knowlson

—Continued from page 5

Dean, an industrial engineer and assistant professor at the School of Business of the University of Chicago, has been serving since July as price executive of the machinery section of OPA. Succeeding Mr. Dean as machinery price executive is Carroll L. Christenson, formerly associate price executive. Mr. Christenson, an economist, is on leave from Indiana University.

Dewey C. Wayne as assistant director of the Office of Price Administration's division of Transportation has been announced. Mr. Wayne has a background of more than twenty years' experience in truck, rail and barge transportation. For six years he has been a member of the executive staff of the Middle Atlantic States Motor Carrier Conference, specializing in rates.

—V—

N.A.R.D. Indicted For Price-Fixing

—Continued from page 7

Pharmaceutical Association, Middlesex County Pharmaceutical Association, Morris County Pharmaceutical Association, Somerset County Pharmaceutical Association, and the Hoboken Pharmaceutical Association.

Also John W. Dargavel, executive secretary and general manager of National Association of Retail Druggists, Chicago; David I. Cohen, former delegate to National Association of Retail Druggists, and former president, member of the board of trustees of New Jersey Pharmaceutical Association, and former president of Hudson County Pharmaceutical Association; John J. Debus, former executive officer New Jersey Pharmaceutical Association, former president of Hudson County Pharmaceutical Association, and member of National Association of Retail Druggists.

Robert P. Fischelis, first vice-president and member of board of trustees of New Jersey Pharmaceutical Association, and editor of *New Jersey Journal of Pharmacy*, Trenton, N. J.; Charles R. Garrabrant, former president, former first vice-president and former member of board of trustees of New Jersey Pharmaceutical Association; A. R. Granito, former vice-president National Association of Retail Druggists, former president and former member of board of trustees of New Jersey Pharmaceutical Association; Arthur P. Grosman, first vice-president New Jersey Pharmaceutical Association and member of its fair trade committee; Henry D. Kehr, former member of committee on Federal and State fair trade legislation of National Association of Retail Druggists, and former president and former member of board of trustees of New Jersey Pharmaceutical Association; Emil P. Martini, former first vice-president and former member of board of trustees of New Jersey Pharmaceutical Association, Hackensack, N. J.; John J. McLaughlin, former president and former member of board of trustees of New Jersey Pharmaceutical Association, and former president of Passaic County Pharmaceutical Association.

Harry B. Reibel, former president of New Jersey Pharmaceutical Association, member of board of trustees of New Jersey Pharmaceutical Association; George A. Sacher, member of National Association Retail Druggists, and former president of Essex County Pharmaceutical Association, Silvio Sappia, member of National Association of Retail Druggists, and former president Bergen County Pharmaceutical Association; Oscar Singer, former delegate to National Association of Retail Druggists, and former first vice-president and former member of board of trustees of New Jersey Pharmaceutical Association, and Jeannette B. Osofsky, former member of fair trade committee of New Jersey Pharmaceutical Association.

—V—

N.W.D.A. to Discuss Wartime Problems

—Continued from page 7

man, Dr. Donald M. Hobart, Dr. Herman C. Nolen and John Albright will give highlights on *'Sales Management Guide,'* volume II and how to use it under war time conditions. Dr. F. R. Cawl will briefly discuss the farmer as a customer during the war. A special address will be given by Sir Kenneth Lee, United States Representative, Industrial and Export Council, British Board of Trade, on the "Impact of War on the British Drug Trade."

C. K. Perkins, with the assistance of eight leading manufacturers and wholesalers, is scheduled to answer pertinent wartime operating questions which have already been sent in by over 200 of our manufacturers and wholesalers.

—V—

Drogueria de Johnson Warns Of Imposter Cashing Checks

The Drogueria de Johnson, of Havana, Cuba, represented in the United States by Charles L. Huisking & Co., Inc., this city, reports that an imposter is calling on drug houses in this country representing himself as being employed by the Cuban drug house and seeking to cash checks on the strength of his false allegations. The Johnson company states that the said imposter has no connection whatsoever with the company and warns all to cash no checks nor give any other service to the imposter.

—V—

Socony-Vacuum Oil Company, this city, is constructing a large plant to extract toluene from petroleum

Lacquer and Varnish Gums
Thurston & Braidich, Importers, 286 Spring St., New York

VANILLA BEANS
ZINK & TRIEST CO.
15 Lombard Street Philadelphia Pa.

GROUND STRAMONIUM PLANTS
CHAS. T. TAYLOR & CO.
124 West Fourth St. Los Angeles, Calif.

GUM
KARAYA
TRAGACANTH
ARABIC
LOCUST
WRITE FOR PARTICULARS
ORBIS
PRODUCTS CORPORATION
215 PEARL ST., NEW YORK – Factory, NEWARK, N. J.

Botanical Drugs, Spices, and Gums

Trade in Botanical Drugs Undergoes Relapse — Demand Much Slower—Problems Arising from War Conditions Show No Decrease—Fareastern Spices Rise Further

Reports in botanical drug circles last week showed a slower, less active market and a generally quiet situation in practically all quarters. Of course, the times themselves provided more than enough troubles to keep botanical drug dealers busy.

There was the constant problem of getting goods started from new or old primary markets open for the despatch notwithstanding the war. And there was the matter of making collection of domestic drugs attractive to a dwindling number of never very energetic citizens in the domestic primary markets. And there was the routine of countless, endless reports to national, state, and city bodies wherewith to while away any surplus minutes of the week.

Pricewise, Far Eastern merchandise continued to crowd all other materials out of the front line of developments. Much higher prices on practically all condimental spices were in effect parallel with a steady decrease in goods unsold. Practically none can be replaced.

Balsams

Peru.—Advanced to $1.45 per pound. Scarce here. High at source.

Tolu.—Fetched $1 per pound repeatedly last week.

Barks

Black Haw.—Firm on root bark. Quiet on tree bark.

Cascara Sagrada.—Strong at all points.

Cinchona.—Ecuador pressing offerings. Some hold opinion government should impound every pound cinchona bark in country. Supply of quinine in balance.

Beans

St. Ignatius.—Scarce and strong.

Vanilla.—Position in nowise improved. At moment seems likely that Vichy France will attempt to hold Madagascar clear of Heinies and Japs. Local stocks under strict reserves in all respects.

Berries

Juniper. — In very good supply.

Milkweed

It has the family name of *Asclepias*, meaning silkweed and being the Greek name of a plant dedicated to Aesculapius, legendary pharmacy pupil of Chiron, patron saint of medicine. Aesculapius in legend was the alleged forebear of Hippocrates, a man who lived in the fifth century and with whom medical history began.

The plant common in the United States is *Asclepias Syrica*. After those mouth-filling words, the common names of wild cotton, Virginia silk, silkweed, and swallowwort flows as gently as Sweet Afton. Only a German could disturb the harmony of sounds by naming it Seidenpflanze.

Milkweed has a cousin named *Asclepias Tuberosa*, but the sweet-ending appelation becomes Pleurisy Root in commerce. And common, ordinary folk call it Indian posy, Butterfly-weed, Wind-root, Orange-root, Yellow-root, and Orange Milkweed.

Milkweed root is used medicinally as a diaphoratic and expectorant, but the small boy in full faith rubs the milk on his warts to make them vanish. And perhaps they do if faith be great.

Price Changes

Advanced

Allspice, 2c. per lb.
Cassia, Batavia, No. 1, thin quill, 15c. per lb.
No. 1 regular, 11c. per lb.
shortstick, 13c. per lb.
broken, 9c. per lb.
China, buds, 15c. per lb.
rolls, selected, 2c. per lb.
broken, select, 4c. per lb.
Saigon, No. 1, 4-10-4, 15c. per lb.
10-6-2, 15c. per lb.
all thin, 15c. per lb.
Celery seed, French, 5c. per lb.
Indian, 13c. per lb.
Cinnamon, No. 2, 15c. per lb.
Clove, Zanzibar, 1c. per lb.
Gold of pleasure seed, 1c. per lb.
Mustard seed, Calif. brown, ½c. per lb.
Washington, yellow, ½c. per lb.
Montana, yellow, ½c. per lb.
Nutmegs, E.I., small grinding, 4c. per lb.
West Indian, 2c. per lb.
Poppy seed, Dutch, 3c. per lb.
Peru balsam, 20c. per lb.
Tolu balsam, 5c. per lb.

Reduced

Anise, Spanish, 2c. per lb.
Mexican, 1c. per lb.
Cumin seed, Indian, ½c. per lb.
Dill seed, ⅝c. per lb.
Ergot, 5c. per lb.
Ginger, Cochin, unbleached, 5c. per lb.
Paprika, Portuguese, extra fancy, 2c. per lb.
good, 2c. per lb.
Pimento, 2c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
322.2	322.6	322.6	250.6

Market news that may have developed after this report was sent to press will be found on page 4.

Prices favorable on basis of American standards and value.

Raspberries.—Holding firm. New season at hand.

Flowers

Arnica.—Replacement a problem. Many inquiries concerning possible domestic cultivation.

Chamomile. — Stocks likely to be sufficient so long as the Argentine continues to ship.

Mullein.—Reasonably quiet demand. Mainly quiet prices.

Gums

Arabic.—Exceptionally firm, all respects. Future stocks depend on turn of war events in Near East this Spring.

Mastic.—Reported mastic available from South America. Believed not to be native there.

Myrrh.—War threat draws steadily closer to primary market.

Tragacanth.—War events this Spring could end primary market exports.

Herbs and Leaves

Belladonna.—Huge cultivation project sole dependence of United States for 1942-1943 stocks. Much learned last year when most projects failed.

Digitalis.—Collections spurred in West by national emergency.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 9

Association Meetings:—

Spice Trade Association, New York, May 11-13.

In spite of growing difficulties

Most manufacturers realize that their stake lies not alone in the immediate present—that they must look beyond today's trying conditions.

Manufacturers who continue keeping their products available in undiminished quality and with promotion that keeps their trade-marks ever in the public eye, are bound to profit in terms of uninterrupted and growing demand when the smoke settles down and things resume their normal course.

Nothing is more perishable than a trade-mark. **That is why our organization is doing everything within its means to continue supplying the quality materials which alone guarantee your ability to satisfy *current* demand and a hold on public preference in the *future*.**

CHECK THIS LIST of HOPKINS' ANALYZED CRUDE DRUGS

✓ ALOES
✓ ALTHEA
✓ BENZOIN GUM
✓ BOLDO LEAVES
✓ CINCHONA BARK
✓ DANDELION
✓ DIGITALIS (118% Active)
✓ ERGOT 150%
✓ FENNEL SEED
✓ GENTIAN ROOT
✓ GINGER (All Kinds)
✓ HOREHOUND HERB
✓ JUNIPER BERRIES
✓ KOLA NUTS
✓ NUX VOMICA
✓ OLIBANUM GUM
✓ PAPAIN
✓ RHUBARB ROOT
✓ SENNA LEAVES
✓ UVA URSI
✓ WHITE SQUILL

and every other Foreign and Domestic Botanical Drug for which there is demand.

◆ ◆ ◆ ◆ QUOTATIONS AND SAMPLES ON REQUEST ◆ ◆ ◆ ◆

J. L. HOPKINS & CO.

IMPORTERS, MILLERS AND MANUFACTURERS OF PROFESSIONALLY MILLED, ANALYZED CRUDE DRUGS

Boston Philadelphia — 220 BROADWAY, NEW YORK CITY — San Francisco — Memphis Los Angeles

When you need a

Stabilizer

Suspending Agent

Bodying Agent

or a hydrophilic colloid

KELCO REFINED ALGIN PRODUCTS

KELCO Algins are gum-like colloidal materials which form highly viscous solutions. They are used as efficient but economical stabilizing, suspending, bodying, and thickening agents in

—textile printing
—boiler compounds
—cosmetics and pharmaceuticals
—leather dressings
—coldwater paints
—latex adhesive mixtures
—or wherever a gum or hydrophilic colloid is used

KELCO COMPANY

31 Nassau Street, NEW YORK

75 E. Wacker Drive CHICAGO — 530 W. 6th St. ST. LOUIS

USE KELCO Algins

Why worry about Botanicals?

CALL PRENTISS

Don't worry about your supplies of Botanicals . . . rely on PRENTISS. Take advantage of our spot stocks for your current and future production. We invite you to place your Botanical worries in our lap.

Call PRENTISS, WHitehall 3-8281.

R. J. PRENTISS & CO.

80 JOHN STREET, NEW YORK CITY

MORTEZA KHOSROVSCHAHI

General Exporter and Importer
of Raw Materials
from the
Near East and Orient

Specializing in Gum Tragacanth

165 BROADWAY WOrth 2-2473,-2474 NEW YORK, N. Y.

GUMS

IMPORTERS AND EXPORTERS:

GUM TRAGACANTH
GUM ARABIC
GUM KARAYA (INDIAN GUM)
LOCUST BEAN GUM
JAPAN WAX
MENTHOL CRYSTALS (U.S.P.)

PAUL A. DUNKEL & CO. INC.
82 WALL ST., NEW YORK, N.Y. HANOVER 2-3750
Representatives:
CHICAGO: J. H. DELAMAR & SON, 160 E. ILLINOIS ST.
NEW ENGLAND: P. A. HOUGHTON, INC., BOSTON, MASS.
PHILADELPHIA: R. PELTZ & CO., 36 KENILWORTH ST.

Marjoram.—Chilean prices jumped to 55c. to 56c. per pound. Practically nominal.

Sage.—Spanish off to 37c. to 38c. per pound. Cyprus shaded to 65c. to 68c. Other quotes purely nominal.

Miscellaneous

Cantharides. — Due to become museum pieces if Chinese or Russian flies be insisted on. Known to exist in Mexico as Cantharis quadrimaculatus. South Africa, as Mylabris lunata; Argentine, as Lytta aspersa. Only Spanish or Russian flies recognized by U.S.P.

Ergot.—Quiet. $1.70 per pound. Still obtainable from Europe.

Nux Vomica.—War drawing steadily closer to primary market.

Roots

Arnica.—Tendency toward shading continues.

Belladonna.—Future supplies depends on success of domestic cultivation this year. Projects large.

Cube.—Steady as an electric clock on basis of price suggested by OPA.

Derris.—Steady as the stars at OPA suggested price.

Turmeric.—Any Alleppey or Madras root available, spot, bringing 14c. per pound minimum.

Seeds

Anise.—Spanish shaded to 39c. to 40c. per pound. Mexican lower at 35c. to 36c.

Canary.—Morocco higher at 8½c. per pound, but nominal. Argentine seed rises to 8½c. to 9c. per pound.

Celery.—French jumped to $1 to $1.10 per pound. Indian seed up to 95c. to 98c.

Cumin.—Indian seed off a fraction to 16½c. to 17c. per pound.

Dill.—Down fractionally to 8¼c. to 8¾c. per pound.

Gold of Pleasure.—Higher at 25c. to 26c. per pound.

Mustard.—California brown advanced to 17c. to 17½c. per pound. Montana yellow up to 7c. to 7½c. Washington yellow, same price.

Poppy.—If still available, Dutch would bring 65c. to 67c. per pound.

Spices

Allspice.—Rises to 25c. to 26c. per pound.

Cassia.—No end to advance in sight. New and higher prices:—Batavia, thin quill, No. 1, 80c. to 81c. per pound; No. 1 regular, and shortstick, 75c. to 80c.; broken, 70c. to 75c.; China, buds, 70c. to 75c.; rolls, selected, 60c. to 65c.; extra select, 60c. to 65c.; Saigon, No. 1, 4-10-4, 10-6-2, or all thin, 95c. to 96c.

Cinnamon.—No. 2 Ceylon higher at 65c. to 66c. per pound.

Clove.—Zanzibar advanced to 21½c. to 22c.

Ginger.—Cochin, unbleached, reduced to 34c. to 35c per pound.

Nutmegs.—Small grinding East Indian higher at 53c. to 55c. per pound. West Indian, 48c. to 49c.

Paprika.—Extra fancy Portuguese pepper shaded to 50c. to 52c. per pound; good, 48c. to 49c.

Pepper.—Lampong, 15-ton lots, 6½c. to 6⅝c. per pound; 50 to 100 bags, 6.83c. to 7c. White, 15-ton lots, 11½c. to 11¾c.; 50 to 100 bags, 12.07 to 12.20. Small berry, nominal at 10½c. to 10⅝c.

Trading in black pepper futures on the New York Produce Exchange from March 21 to March 27, inclusive, comprised 16 contracts. Following is a price record for the week:—

	Cents per pound—		
	High.	Low.	Close.
May	6.43	6.43	6.43 bid
July	6.50	6.50	6.50 bid

Pimento.—Shaded to 38c. to 39c. per pound after period of sustained advance.

- - - —V- - - —

Continental Can Names Pacific Coast Manager

The Continental Can Company, this city, has appointed R. L. Perin Pacific coast sales manager for the company to fill the vacancy which occurred through the death of C. H. Englar earlier in the year. Mr. Perin, whose entire business career has been spent in serving the canning industry, joined with Continental Can when the U. S. Can Company was acquired. He has always served as a sales representative in the packers' can division of the company and since 1929 he has been sales manager of the Cincinnati district. His headquarters will be in San Francisco.

CRUDE DRUGS

PEEK AND VELSOR INCORPORATED 100 GOLD ST. NEW YORK

ESTABLISHED 1840

WAREHOUSE AND MILLS, JERSEY CITY, N.J.

CRUDE BOTANICAL DRUGS From Forty Nations

TRADE MARK

Elecampane for Aching Hucklebone

"It's Good for Passions of the Hucklebone, Called Sciatica."

—Galen—1st Cent.

THE ASTROLOGER-PHYSICIAN In 1656 Gave

ELECAMPANE

For Delayed Mensturation
For Blocked Urine
For Windy Bowels

Its Diuretic, Anodyne Properties Find Use in American Medicine Today

Essential Oils, Aromatic Chemicals

Proprietary Medicine Maker Orders Menthol Made From American Peppermint Oil—Same Situation Sent Peppermint to $28 in 1925—Oil Being Bought

By far the most important development in the market for essential oils last week was the placing of an order for menthol to be made from American peppermint oil. This was done by one of the two largest proprietary medicine makers using menthol, and was described as "an educational order."

The last time menthol was made from American peppermint oil, the chewing gum, candy and other normal and regular customers of the American peppermint oil farmers were forced to pay as high as $28 per pound for oil and to drastically reduce the quantities used. Meanwhile neither the Office of Price Administration nor the Department of Agriculture seem to have done anything to control prices and stocks, now or future.

Trade in essential oils and aromatic chemicals gave evidence of high demand despite limited stocks that might be expected eventually to temper and possibly reduce the efforts of buyers to get items so scarce as to be almost unobtainable.

Naturally, scarcities in normal raw materials continued to thrust substitutes of all sorts to the foreground. In fact, substitutes of one sort or another have become the backbone of supplies in the market as a whole, and it is not unlikely that at this time a new type of permanent business is being born of necessities that stem directly from the war.

Essential Oils

Almond.—Sweet oil shaded to $2.65 per pound, one quarter. Others want upwards of $2.75. Local stocks conservative.

Anise.—Strong because of scarcity and inability to bring more forward from primary market.

Apricot Kernel.—Inquiry and sales up moderately. Firm.

Bay.—Call conservative last week. Still firm at all points.

Bergamot.—Transactions conservative in Brazilian. No Italian believed to exist locally.

Bois de Rose.—Spot strength bolstered by strong position in primary market.

Peppermint Oil

Unless control is promptly placed on peppermint oil prices and deliveries, chewing gum and candy manufacturers are about to encounter the stiffest kind of buying competition. And the competition is coming from at least one of the nation's largest users of menthol. This maker of a popular proprietary has placed what it calls an "educational order with an essential oils refiner for menthol to be extracted from American peppermint oil."

The last time menthol was extracted from raw material, the price of American peppermint oil ended up at $28 per pound in November, 1925. Extraction started in 1924, when menthol was $14.50 per pound and peppermint oil brought $10

The Office of Price Administration weeks ago took the first step toward stabilization of prices and control of stocks. A price ceiling seemed in the making, but was set. Since then the Department of Agriculture has claimed jurisdiction over peppermint oil as a farm product subject to the agricultural price control act that establishes price parities.

With two federal bodies eyeing peppermint oil, definitive action seems to have stopped. Unless something is done pretty quick, the normal customers of the peppermint oil farmers appear due for a trip to the cleaners.

Price Changes

Advanced

Citronella, Java, 25c. per lb.
Fennel, 25c. per lb.

Reduced

Almond, sweet, 10c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
306.0	305.3	288.8	178.1

Market news that may have developed after this report was sent to press will be found on page 4.

Cajeput.—Sellers hold little. All definitely reserved.

Cananga.—Only token stocks remain on spot. Cannot be replaced.

Caraway.—A little oil in ounce bottles may still exist. No general market offering possible.

Cassia. — Strong and practically nominal. Primary market closed for duration.

Cedarleaf.—Limited stocks in strong position. Good call.

Cedarwood.—Needs to grow along seasonal lines. Stocks limited.

Cinnamon.—Ceylon still able to ship. Progress of war makes future highly uncertain.

Citronella. — Oil still can move from Ceylon. How long depends on stopping Japs present drive toward India. Sellers cling to small stocks extant, awaiting OPA action to assure conservation of supplies. Java oil up to $2.25 per pound.

Clove.—Raw material gains strength steadily. Is higher. Oil strong, understocked. Demand high. Deliveries behind.

Cubeb.—Once stocks disappear, no more will be had. Source cut off.

Eucalyptus.—Getting harder to assure prompt transport from source. Japs pointing military spearhead at Australia.

Fennel.—Higher at $3.25 per pound. Stocked along limited lines.

Hemlock.—Excellent demand along well sustained lines. Firm prices.

Lemon.—Good demand. Domestic makers doing good job in keeping some oil flowing steadily to regular consumers.

Lemongrass.—Still possible to ship from source. Getting tougher each day. Jap threat very real.

Lime.—OPA does nothing yet about curbing rising market.

Nutmeg.—Strong. Active. Raw material costs tend higher.

Orange.—Sustained demand. Firm prices. No surplus supply.

Peppermint.—Large chemical company moves to get menthol made from American peppermint oil. Expansion of production may require boost of crop to 1,000,000 pounds. Many wonder if peppermint farmers are now free from OPA control. Important in view of start of menthol production.

Aromatic Chemicals

Allyl Isosulphocyanate. — Domestic producers doing good job. Well stabilized.

Anethol.—Limited quantities command high, strong prices.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 9

Association Meetings:—

Flavoring Extract Manufacturers Association, Hotel Pennsylvania, New York, May 18-20.

MEET MAGNUS REPRESENTATIVE

C. J. "Carl" BIRKMAIER
New York Representative

Carl is MM&R's "all American boy." He studied aeronautical engineering at New York University's famed school of aeronautics, loves sailing, skiing and other sports. A rabid photographer, you'll find Carl at all MM&R parties taking candid camera shots of all the "big shots." Carl never has any trouble getting through to his man,—50,000 blushing secretaries say it's his dimples!

HIS JOB IS TO SERVE YOU WELL

MAGNUS, MABEE & REYNARD, INC.
16 DESBROSSES ST. NEW YORK, N. Y.
Chicago: 221 N. La Salle St. • Canada: Richardson Agencies, Ltd., Toronto

OIL OF SANDALWOOD EAST INDIA

We are pioneers in the distillation of this Oil in U.S.A. Looking back over our fifty-five years business experience, we can say that during half that time we have been manufacturers of Sandal Oil, and we unhesitatingly and without reserve offer our product as

THE FINEST OBTAINABLE

With our knowledge of Sandal, we believe you will admit we know whereof we speak when we make this claim.

High in Santalol Content — Exquisite in Aroma

GEORGE LUEDERS & CO.
427-429 WASHINGTON STREET, NEW YORK
Factory: Brooklyn Branches: Chicago, San Francisco, Montreal, Mexico City

D. W. HUTCHINSON & CO., Inc.
IMPORT ESSENTIAL OILS EXPORT
162-164 Front Street Established 1896 New York City

BAYONNE COMPANY, Inc.
404 Fourth Ave. New York City
Tel. MUrray Hill 5-0250-1-2
AROMATIC CHEMICALS
ESSENTIAL OILS
BASIC PERFUME MATERIALS

IT'S TIME TO ORDER
OIL of DILL!

With heavy consumption of DILL OIL soon at hand, there is likely to be a shortage of this fine product before farmers can bring in new crops for distillation of their oil. You can avoid worry and the possibility of higher costs by ordering your seasonal requirements NOW!

FRITZSCHE BROTHERS, Inc.
PORT AUTHORITY COMMERCE BLDG., 76 NINTH AVENUE, NEW YORK, N. Y.
BRANCH STOCKS
BOSTON CHICAGO LOS ANGELES ST. LOUIS TORONTO, CANADA MEXICO, D. F.
FACTORIES AT CLIFTON, N. J. AND BRILLANS (VAR) FRANCE

Benzaldehyde.—Available in hand-to-mouth quantities from dealers. Producers pressed hard. Cannot increase stocks.

Benzyl Compounds. — All quotations nominal. Plant output sold far ahead. Dealers unable to supply much. Raw material price stabilized.

Bromstyrol.—Scarce. Hard to get anywhere. About nominal.

Carod.—Token stocks strongly held. Prices rule high.

Cinnamic Alcohol.—Producers unable to fill demand.

Citral.—Has brought high as $7.25 per pound in dealer market.

Coumarin. — No surplus. Careful regulation of sales prevail.

Diphenyl Oxide.—Stabilized. Strong. Active.

Ethyl Cinnamate.—Getting scarcer steadily. Strong.

Ethyl Vanillin. — Stocks limited. Situation tight. Demand high.

Eucalyptol. — Gaining strength as raw material supply line gets Jap attention increasingly.

Geraniol.—Scarce and strong.

Geranyl Acetate. — Demand finds little available on open market.

Hydroxycitronellal.—Brought $10.50 per pound readily when offered last week.

Vanillin.—Scarce in most quarters. Demand runs high.

- - - — V - - - —

Waegelin Made Member Of Lueders 25-Year Club

George J. Waegelin, secretary of George Lueders & Co., essential oils, aromatics, and vanilla beans, this city, on March 26 became a member of the Quarter of a Century Club of the company. On arriving at the office he found his quarters decorated profusely with bunting and flowers and encountered hearty congratulations and good wishes from his fellow officers and associates.

The club now numbers thirty-one members, and, as usual, admission of a new member was made the occasion for a club luncheon and the presentation of his twenty-five years of service pin, together with a handsome wrist watch. The presentation was made at noon in the presence of all of the Lueders employees.

- - - — V - - - —

Vick Chemical Seeks American-Made Menthol

—Continued from page 4

imports of the raw material for the manufacture of domestic synthetic menthol.

The 1,000,000 pound harvest of peppermint recorded last year will have to be doubled to yield the 500,000 pound of menthol consumed annually in this country, according to the Vick company. Two years will be required for the expansion of the mint harvest to meet such demands, it was added. The principal consumers of menthol are the pharmaceutical, flavoring, chewing gum, and dentifrice industries. More than a year's supply of menthol is on hand, it is said, to act as a buffer until large scale production of oil and menthol extraction is attained.

- - - — V - - - —

Atlanta Drug, Chemical Club Elects Officers

—Continued from page 7

operation and good will among members of the drug and chemical industry. There are two types of membership—resident and non-resident—so that men holding executive positions in drug and chemical firms and living outside the greater Atlanta area may still belong to the group.

The club has monthly luncheon meetings held at the Atlanta Athletic Club in Atlanta on the second Saturday of each month. Speakers and special programs will be features of these meetings, and numerous social functions will be held throughout each year. There are thirty charter members.

MORE IMPORTANT THAN EVER
Javonella
PERFECT FOR PERFUMING
• LAUNDRY SOAPS • WASHING POWDERS • LIQUID CLEANSERS
• POLISHES, ETC.
EVEN when oil of citronella was low in price and easy to obtain, JAVONELLA was a reliable favorite. A great many manufacturers preferred its finer, cleaner odor, its uniform quality and consistent economy. And now that Citronella is high in price and difficult to get, JAVONELLA is more important than ever before.
WRITE FOR SAMPLE AND QUOTATION
FELTON
Quality
FELTON
CHEMICAL COMPANY, INC.
599 JOHNSON AVE., BROOKLYN, N. Y.
Branches in Principal Cities
Manufacturers of Aromatic Chemicals, Natural Derivatives, Perfume and Flavor Oils

What You Can Use

Guide to Materials That Are Suitable for Various Purposes in Chemical Converting, Compounding, and Processing Industries

Fully protected by Copyright

Four-Hundred-Twelfth Instalment

Rare Gases

Absorbent for Rare Gases

Charcoal

Purification Reagents for Rare Gases

Barium
Calcium
Magnesium
Potassium
Sodium
Strontium
Thorium
Zirconium

Reagents for Removal of Hydrogen from Rare Gases

Calcium
Magnesium
Phosphorous pentoxide

Reagents for Removal of Nitrogen from Rare Gases

Calcium
Magnesium
Phosphorous pentoxide

Reagents for Removal of Water Vapor from Rare Gases

Calcium
Magnesium
Phosphorous pentoxide

Rayon

(Continued from March 16 issue)

Dye Groups Used on Rayon

Acele[3]
Algol[6]
Algosols[6]
Amalthion[7]
Amanil[3]
Amanil fast[3]
Amidin[3]
Benzo pure[3]
Benzo viscose[3]
Calcadur[3]
Calcogen[7]
Calcomine[3]
Carbanthrene[6]
Chloramine[3]
Chlorantin[3]
Chloramine[3]
Chlorantin[3]
Ciba colors[6]
Ciabacet[3]
Cibanon[6]
Developer ORD[3]
Diamine[3]
Direct L[3]
Dispersol[3]
Duranol[3]
Erie fast[3]
Fastusol[3]
Indanthrene[6]
Indigosol[6]
Katigen[7]
Niagara[3]
National Erie[3]
Oxamine[3]
Plurafil[3]
Ponsols[6]
Pontamine[3]
Pontamine fast[3]
Pyracal[3]
Pyramine[3]
Serisol[3]
Setacyl[3]
Solantin[3]
Soluble amidin[3]
Sulphanthrenes[6]
Sulphogen[7]
Sulphur dyes[7]
Trisulfan[3]
Visco[3]

[1]Dischargeable dyes
[2]Dischargeable to special whiteness
[3]Direct cotton dyes—substantive dyes
[4]Direct dyes, possessing good level dyeing properties and for covering barre effects
[5]Acid dyes—affinity poor
[6]Vat colors—good affinity and bright shades
[7]Sulphur dyes—used to a limited extent as sodium sulphide makes rayon harsh

Rosin

Catalysts Used in Hydrogenation of Rosin

Chromium
Cobalt
Cobalt, colloidal
Cobalt carbide
Cobalt silicide
Copper
Copper oxide
Iron
Iron, colloidal
Iron carbide
Iron silicide
Manganese
Molybdenum
Nickel
Nickel, colloidal
Nickel carbide
Nickel oxide
Nickel silicide
Palladium
Palladium chloride
Palladium oxide
Platinum
Platinum oxide
Thorium
Vanadium
Zirconium

Catalyst Carriers in Hydrogenation of Rosin

Alumina
Asbestos
Coke
Kieselguhr

Rubber

Antioxidants for Rubber

(Continued from March 23 issue)

Beta(xylylamino)beta'-(methylamino)ethyl ether
Beta(xylylamino)beta'-(orthotolylamino)-ethyl ether
Beta(xylylamino)beta'-(phenylamino)ethyl ether
Bexin
Bis-diphenylenethylene
Bis-hydroxybetanaphthyl sulphide
Bis-hydroxytolyl sulphide
Bis-(naphthylnaphthyl) phenylenediamine
Bis-parahydroxyphenyl sulphide
Bis-tolylphenylenediamine
Bis-xylylphenylenediamine
B-L-E (ketone-amine reaction product)
Boric acid ester of naphthol
Butylaminodiphenylmethane
Butylbenzidin
Butylphenetidin, normal
Butyraldehyde-anilin derivatives
B-X-A (ketone-amine condensation product)
Carbon bisulphide with naphthaleneperidiamine
Carbon bisulphide with orthoarylenediamines
Carbon bisulphide with orthosemidins
Carvacrol
Catechol
2-Chlor-4-ethylamino-phenylorthotolyl ether
Chloroacetoneaniline
Chlorocarvacrol
Chlorothymol
Colored substances which absorb active radiations
Condensation products of formaldehyde and a diarylamine, such as diphenylamine, or alkoxy substituted diarylamines
Condensation products of hydroxydiaryl sulphide with arylamines
Cumidylnaphthylamine
Cupferron
Cyclo alkylated phenylenemiamines
Cyclohexylamine-acetonitrile
Cyclohexylamine-formaldehyde
Cyclohexylanilin
Cyclohexylnaphthylamine
Dialphanaphthylparaphenylenediamine
Diamino substituted ethyl ethers
4:-Diamino-3:3'-diaminodiphenylmethane
Diaminodiarylalkanes
2:4-Diamino-3:5-dimethyldiphenylmethane
4:4-Diamino-2:2-dimethyldiphenylmethane
5:5-Diamino-2:2'-dimethyldiphenylmethane
4:4'-Diamino-3:3'-dimethyldiphenylmethane
4:6'-Diamino-3:3-dimethyldiphenylmethane
4:4'-Diaminodiphenyl oxide
2:4-Diaminodiphenylamine
2:7-Diaminodiphenylene oxide
2:2-Diaminodiphenylmethane
2:4-Diaminodiphenylmethane
3:3-Diaminodiphenylmethane
3:4-Diaminodiphenylmethane
2:7-Diaminofluorene
2:7-Diaminofluorenone
2:4-Diaminophenyl-3-aminoacenaphthene
Diaminophenylnaphthyl ether
4:4'-Diamino-2:5:2':5'-tetramethyldiphenylmethane
4:4'-Diamino-3:5:3':5'-tetramethyldiphenylmethane
Diarylamine with diarylphenylenediamine
Diaryldiaminodiethyl ether
Diazotized anilin and diphenylamine
Diazotized arylamines
2:7-Di(betanaphthylamino)diphenyl oxide
Dibetanaphthylparaphenylenediamine
Dicyanodiamide
Dicyclohexylamine

(To be continued)

Petroleum Products

Pennsylvania Grade Crude Oil Advanced 25c Per Barrel—OPA Denies Equalization of Panhandle with Midcontinent—Advance in Tankwagon Gasoline Prices in East Approved

In the first crude oil price rise to be permitted by the Office of Price Administration, Pennsylvania grade crude prices last week were advanced 25c. per barrel and will be hiked another 25c. when daily average production reaches 85,000 barrels (details on page 4).

Earlier in the week the OPA denied a request of several Texas crude oil producers to equalize maximum prices for Texas Panhandle crude oil with those established for Oklahoma and Kansas crudes. Removal of a 10c. per barrel differential in favor of the Oklahoma and Kansas crudes was denied because, according to the OPA, "there is a strong economic justification for the existence of a price differential because of the less favorable geographic position of the Panhandle and because Panhandle crude oil has certain undesirable qualities which lead to higher refining costs".

In another move the OPA authorized an increase of ½c. per gallon in tankwagon gasoline prices in seventeen Eastern and Southern States and the District of Columbia. Service station operators in all the states except Florida and Georgia will be permitted to increase prices accordingly.

Solvents and Diluents

Aromatic Naphthas. — Still very tight. Demand heavy.

Cleaners' Naphtha.—Movement restricted. Demand active. Prices firm.

Lacquer Diluent. — Both grades in good call. Offerings limited.

Mineral Spirits.—Paint trade's demands large. Prices steady.

Rubber Solvent. — Movement restricted. Demand off slightly.

Stoddard Solvent. — Little change. Demand holding. Prices firm.

V.M.& P. Naphtha. — Buying well sustained. Prices steady.

Markets at Other Centers

Chicago—March 27

Good demand continues to characterize the market for materials. Offerings are not very extensive and it is mostly a sellers' market.

Aromatic Naphthas.—Supply limited; prices strong.

Lacquer Diluent. — Movement good; market firm.

Cleaners' Naphtha.—Call active; prices holding.

Mineral Spirits.—Good buying; quotations steady.

Rubber Solvent.—Demand fair; prices holding.

Stoddard Solvent.—Interest good; market stiff.

V.M.& P. Naphtha.—Offerings limited; no price change.

New Orleans—March 27

There was no scarcity of these products, but deliveries were being held up by lack of transportation facilities.

Cleaners' Naphtha. — Demand well maintained. Prices firm.

V.M.& P. Naphtha.—Tone firm. Demand holding.

San Francisco—Mar. 26

Petroleum specialty producers on the Coast have reason to feel sure that within a short time allocations and priorities will be placed on high solvency aromatic naphthas in the toluol evaporation range.

Aromatic Naphthas.—Demand continues in very heavy fashion.

Petroleum Thinners.—Active.

Price Changes

Advanced

Petroleum, crude, at well, Pennsylvania, 25c. per bbl.

Reduced

None

Market news that may have developed after this report was sent to press will be found on page 4.

Lacquer Diluent.—The movement continues along very fair lines.

Rubber Solvent.—Movement fair.

V. M. & P. Naphthas.—Steady demand.

Stoddard Solvent.—Good call reported.

Cleaners' Naphtha.—Routine.

Tulsa—March 27

Stocks of solvents and naphthas continued to accumulate in the Southwest due to difficulty in securing transportation facilities. Otherwise, little change was noted.

Lacquer Diluent.—Heavy demand. Producers were not offering too freely. Prices firm.

Mineral Spirits.—Paint manufacturers continued to bid actively. Offerings were routine. Prices firm.

Rubber Solvent. — Demand holding. Prices steady.

Stoddard Solvent.—Offerings, demand, prices at unchanged levels.

V.M.& P. Naphtha.—Good call. Market firm.

Lighter Fractions

Butane.—Movement narrow. Offerings limited. Stocks low. Prices firm.

Heptane.—Market holding, buoyed by good call.

Hexane.—Demand well sustained. Offerings fairly large. Prices steady.

Pentanes. — Movement smaller. Offerings off slightly. Prices firm.

Propane. — Very scarce. Demand heavy. Prices firm.

Markets at Other Centers

Chicago—March 27

Call for most of these materials continues active and offerings are less than sufficient to meet potential demand.

Butane. — Supply restricted; prices strong.

Heptane. — Active interest; market firm.

Octanes.—Good call; no price change.

Pentanes.—Active demand for industrial items; prices strong.

Propane. — Offerings limited; quotations firm.

San Francisco—Mar. 26

Inquiry for lighter fractions continues to be good with supply rather limited.

Butane.—Light offerings; good demand.

Propane.—Offerings insufficient to fill trade needs.

Tulsa—March 27

The market for light hydrocarbons continued active with prices firm and unchanged.

Butane.—Movement restricted by low supplies. Prices holding.

Pentanes.—Inquiry continued to pick up. Marker firmer.

Propane.—Little offered. Stocks low. Prices unchanged.

Petrolatums and Waxes

Paraffin.—Crude scale material was in heavy call, with little offered. Prices firm at ceiling levels.

Petrolatums. — Market showing a marked degree of firmness after several weeks of easing. Demand picking up.

White Mineral Oils.—More buying interest being shown. Prices steady.

Markets at Other Centers

Chicago—March 27

Demand for paraffin is active and tone generally for related products is stable. Inquiry has shown some improvement.

Paraffin.—Demand better; prices firm.

Petrolatums. — Good call; market steady.

White Mineral Oils.—Fair buying; quotations hold.

Los Angeles—Mar. 26

Demand for the paraffin wax produced in California continues to be very good, with manufacturers behind on orders.

Tulsa—March 27

Markets here remained little changed, with demand for crude scale paraffin still dominating the trading.

Paraffin. — Very heavy call. Little offered. Prices steady.

Petrolatums. — Market fairly active. Prices steady.

Fuels and Lubricants

Gasoline.—Demand large. Offerings limited.

Lubricating Oils. — Pennsylvania grades in heavy call. Prices firm.

Crude Oil Price Changes

Pennsylvania grade crude oil was advanced 25c. per barrel.

Markets at Other Centers

Chicago—March 27

Gasoline market is more stable. Consumption is seasonally expanding.

Gasoline.—Demand better; prices holding.

Kerosene.—Good call; prices firm.

New Orleans—March 27

The market here was still showing some signs of weakness, although prices were not changed.

Gasoline.—Demand off. Prices easy.

Kerosene.—Fair call. Tone stable.

Tulsa—March 27

Stocks were still accumulating in the Southwest, with lack of transportation facilities hampering deliveries.

Gasoline.—Demand only fair. Prices weak.

Lubricating Oil. — Good call. Movement narrow. Prices steady.

- - - —V- - - —

Asphalt Institute Elects Officers

The Asphalt Institute has re-elected Herbert Spencer president. W. R. Macatee has been renamed managing director. David Waxman, of the Shell Oil Company, has been named chairman of the directorate.

Other officers elected were: Vice-presidents, J. A. Blood, of the Standard Oil Company of California; C. H. Dresser, of the Anderson-Prichard Oil Corporation; and H. B. Pullar, of the Berry Asphalt Company. George R. Christie, of the Standard Oil of New York, was elected secretary and treasurer, with John N. Smith of the same company as assistant treasurer.

Shell Oil to Build Western Butadiene Plant

San Francisco, Mar. 26, 1942

Construction of a large plant for the manufacture of butadiene, will be startted immediately by Shell Chemical Company, according to J. Oostermeyer, president. The new plant, which is to be financed by the government as a part of its program to increase production of synthetic rubber, will cost approximately $15,000,000 and will be located in the West.

- - - —V- - - —

Penn Grade Crude Oil Advance Allowed by OPA

—Continued from page 4

nually for three years will be necessary for repressuring, reconditioning and drilling of new wells.

New maximum prices per barrel at the wells are as follows:—

Pennsylvania Bradford	$3.00
Southwest Pennsylvania	2.65
Eureka	2.59
Southeastern Ohio	2.55
Oil City—Titusville:—	
Group A*	2.93
Group B	2.92
Group C	2.91
Group D	2.90
Group E	2.88

* Group A includes Cochran, Franklin, Hamilton and Doolittle districts; Group B covers the Titusville district; Group C includes Turkey and Tidiout; Group D includes Bear Creek and Porkey districts; and Group E includes Eideneau, Bowl Creek, Rough Run, Carbon, Ditner, Bredin, McJunkin, Jameson, Kennerdall, Emlenton, Tiona, Lacy, anl Kinzau districts.

The description "Pennsylvania grade" refers to the oils possessing special qualities characteristic of oils produced in Pennsylvania. Most of the output comes from wells in Pennsylvania, but substantial quantities also are recovered from wells in New York State, Southeastern Ohio and northern West Virginia.

"Bradford Crude" is Pennsylvania grade oil produced from the Bradford and Allegheny pools; "Southwest Pennsylvania" is oil from wells in that area; "Southeastern Ohio" is from the area its name indicates. "Eureka Crude" is produced by wells in West Virginia run by the Eureka Pipe Line. "Oil City-Titusville" oils are from wells in that generally-defined area in Pennsylvania.

Petroleum Reserves

The known underground reserves of crude oil in the United States at the beginning of 1942 were estimated last week by the American Petroleum Institute at a new record of 19,589,296,000 barrels. Based on the production of 1,404,182,000 barrels in 1941, these reserves are sufficient to last fourteen years, the institute said.

The report said that in 1941 the industry found 1,968,963,000 barrels of new oil. After deducting production, there was a net increase of 564,781,000 barrels in known reserves. At the beginning of 1941 this country's crude oil reserves were estimated at 19,024,515,000 barrels.

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 9

VIKING
Petroleum Solvents
PENTANE
HEXANE HEPTANE
PETROLEUM ETHER
LIGROIN BENZINE
LOW COST - HIGH QUALITY
Special Solvents for Specific Properties
VIKING DISTRIBUTING CO.
K.V. BLDG., CHARLESTON, W.VA.

PETROLATUMS and WHITE OILS
From The Refinery of Controlled Specialization
SHERWOOD
REFINING COMPANY, INC.
ENGLEWOOD, N. J. • Refinery, WARREN, PA.

ALUMINUM CHLORIDE
ANHYDROUS
PHOSGENE
(CARBONYL CHLORIDE)
ALUMINUM CHLORIDE CHEMICALS CARBONYL CHLORIDE
NIAGARA CHLORINE PRODUCTS CORP.
LOCKPORT, NEW YORK

Fish Scrap Prices To Be Set by OPA

—Continued from page 4

economic factor between that time and March 21, 1942, the OPA said.

Prices for meat scraps and digester tankage prevailing on January 20, when the temporary ceiling went into effect, represented an increase of approximately $6 and $7 per ton, respectively, over prices prevailing during the period October 1-15, according to the OPA. During the same period, it added, costs of production, transportation and distribution increased only $1 per ton. Therefore, it was ruled today, maximum prices shall be levels prevailing January 20 to March 20, 1942, less $5 per ton for meat scraps and less $6 per ton for digester tankage.

The term meat scraps includes meat meal and meat scraps. The term digester tankage includes digester tankage, meat meal tankage, feeding tankage, digester tankage with bone, meat and bone meal digester tankage, and bone meal tankage and feeding tankage with bone.

Fish Scrap Grinders Protest Planned Prices

Baltimore, March 24, 1942

Grinders of fish meal today voiced strong disapproval of the plan of the Office of Price Administration to ceil prices on fish scrap at $3 per ton below those on fish meal, and warned that if the plan was carried out many of them would be forced out of business. The grinders stated that such maximum prices would force them to operate at a loss as their costs and expenses, including all operations, often totaled as high as $11 per ton.

Fertilizer 'Trust' Case Settled

—Continued from page 3

the information of the judge, and in his opinion he praised the cooperation of the government and the industry in settling the case in this manner.

The indictment was nolle prossed as to seven defendants for various reasons, and fines were imposed on sixty-three corporations and thirty-one individuals. Fines on individuals ranged from nothing to $4,000, and fines on corporations from $500 to $9,000, depending on the size of the individual company.

The indictment contained two counts, charging price-fixing and suppression of competition, and in most cases fines were imposed on both counts. The National Fertilizer Association itself received the maximum fine, $5,000 on the first count and $4,000 on the second. The charges under both counts involved a large number of trade practices, many of them running back beyond the memory of any of the defendants, including price leadership, exchange of price lists, port basing point prices, and the uniform agency form of distribution.

The only defendant not fined was Charles J. Brand, executive secretary of the National Fertilizer Association. In suspending the fine against him, Judge Hayes stated that although he was the directing head of the association there was no evidence that he had any intention to violate or did violate the antitrust laws.

The indictment was filed February 10, 1941, by a grand jury which had been in session for a full year.

Defendants dismissed at the request of the government were: Arkansas Fertilizer Company, F. W. Tunnell & Co.; Harold F. Ayer, vice-president, of Swift & Co.; A. Quistgaard Petersen, of the Southern Cotton Oil Company; E. H. Westlake, president, of the Tennessee Corporation; George A. Whiting, of the Standard Wholesale Phosphate and Acid Works, Inc.; and John A. Maybank, personally, but not the Maybank Fertilizer Company.

Chemurgy Conference Discusses Products

—Continued from page 3

line, Dr. Kolachov said, and since the domestic supply of lead is low, he recommended experimentation with phellandrine for use in gasoline instead of lead tetraethyl. Since the United States should need 125,000,000 gallons of phellandrine annually, he said, we could cultivate 500,000 acres of eucalyptus for phellandrine alone. This, he said, would give the petroleum industry another chance to utilize agricultural products.

Camphor

Dr. Kolachov said that a large portion of United States shows possibilities for the wide cultivation of the camphor tree. Camphor, he said, is a quick-growing tree and from one acre over 600 pounds of tree could be obtained in a year.

The camphor tree, he explained, could be grown in a climate in which the temperature is no lower than 10 degrees C., and in which there is a precipitation of forty inches a year. It grows best on hillsides, he said. Heavy wind and large amounts of snow are undesirable for the tree, especially since its branches are not very strong. The regions of the United States which meet these requirements include the entire section of the country East of the Mississippi river and no farther North than half of Missouri and all of Kentucky, he said. In addition, he said, the entire Atlantic seaboard, including Florida, is suitable, as are the mid-portions of California, Oregon and Washington.

Stramonium

Although stramonium grows wild in profusion in the United States, Dr. Kolachov was of the opinion that until it is cultivated the United States can never depend upon the quality and uniformity of the product. For this reason, he said that the Farm Chemurgic Council urge that the plant be cultivated, especially since there is at present an urgent need for the drug it contains. Dr. Kolachov said that the council recommended the cultivation of cinchona in this country, in volume sufficient to meet domestic requirements for quinine. He discussed a plan where 250 acres of greenhouse space would be utilized in cultivating cinchona.

Pharmaceutical Alkaloids

Dr. Franklin J. Bacon, prof. of botany and pharmacognosy, Western Reserve University, Cleveland, Ohio, in discussing "Pharmaceutical Alkaloids and Extracts," said:—

The use of native American plants for the treatment of diseases started with the aborigines on this continent. Our early settlers learned of the medicinal properties of some plants from the Indians; others were tried on the basis of similarity to plants used in Europe and the expression of the *"Doctrine of Signatures.* According to this doctrine, many medicinal herbs are stamped with some clear indication of their uses. Ideas of this kind were widespread and may account for the large number of native plants introduced into our materia medica.

Our early colonial settlers brought with them seeds and plants of their favorite flavoring and medicinal herbs from their native lands. From this start many of our medicinal plants propagated and spread throughout the United States. Peppermint, jimpson weed, dandelion and many other plants may be found growing wild and in some cases cultivated for the supply of crude drugs. Our present materia medica makes use of over six hundred botanicals, native to or introduced into the United States.

In our search for remedies, about 25 percent of the plants yielding drugs are imported from foreign countries, 5 percent are commercially cultivated, and 70 percent are collected in this country from wild growing plants. Pharmaceutical manufacturers, crude drug dealers and others interested in a supply of crude medicinal materials, will be required to look for new sources for their supplies. Plant sources, methods of cultivation and processing methods will have to be developed in this country to insure an adequate supply of many medicinal substances.

The growing scarcity of such items as belladonna, hyoscyamus and digitalis, which have been coming from foreign countries, has shown the necessity of home production. During the World War cultivation of important drugs was well started, only to be abandoned soon after European competition made cultivation in this country unprofitable. The only work that continued to be done on medicinal plants was confined to small gardens in connection with schools of pharmacy and a few commercial gardens. Medicinal plant gardens should receive aid and encouragement to develop the methods of cultivation necessary to keep this country supplied with crude drugs essential to our welfare.

Drying Oils

President Ernest T. Trigg of the National Paint, Varnish and Lacquer Association in his address before the conference gave a comprehensive resume of wartime problems of the paint, varnish and lacquer industry as related to agricultural products. He stressed the importance of drying oil requirements in the victory program.

The relation of the tanning industry to farm chemurgy was discussed by August C. Orthmann, president of the Orthmann Laboratories, Inc., Milwaukee, Wis. He briefly reviewed the vegetable tanstuffs and enumerated the numerous agricultural derivatives used in leather manufacture and finishing.

Insecticides

James R. Hile, assistant manager of the insecticide department of the Acme White Lead and Color Works, described the role of insecticides and fungicides in the war effort in his address. He stated that the insecticide industry realizes that it has a job to do—to see that the food grower will have the spray and dust he needs, when he needs them, so that the supply of food for ourselves and allies will not be lacking.

Tung Oil

The amazing growth of tung tree plantings in this country since 1906 was described by W. M. Smith, Jr., technical advisor of Reasor Plantations, Inc., of Chicago, Ill. The first successful tung plantings were made in 1906, he stated, and in 1930 a total of 350,793 trees were rooted. In 1940 the total had increased to 12,671,344 trees, he added.

Plastics

A review of the history, chemistry and production of commercial plastic materials was presented by Dr. M. H. Bigelow, director of technical service of the Plaskon Company, Toledo, Ohio. He particularly pointed out the changing complexion of the entire resin industry. When first introduced they were principally used for gadgets and decorative purposes. Now, however, they have taken their place as essential raw materials in the fabrication of defense items.

Since America Needs . . .

two and a half times as much Sulphur as copper

three and a half times as much as lead

four times as much as zinc

nine times as much as aluminum

thirty times as much as tin

forty times as much as nickel

It is Fortunate That America . . .

has tripled her Sulphur output since World War I

now produces as much as she consumes

has 4,000,000 tons above ground—more than a year's suppply

has enormous unmined reserves

has installed plant capacity capable of even greater production

FREEPORT SULPHUR COMPANY

122 East 42nd Street New York City

THREE ELEPHANT **BORAX** AND **BORIC ACID**

Purity Guaranteed Over 99.5%

The AMERICAN POTASH & CHEMICAL CORPORATION

TRONA

70 Pine Street New York

Stocks carried in principal cities in the United States and Canada

TRONA **MURIATE OF POTASH**

A 95-98% Agricultural Grade

A Special Grade for Manufacturers of Industrial Chemicals

Fertilizer Materials

OPA to Establish Maximum Prices on Fish Scrap—Fish Meal Retail Prices Extended—Meat Scraps and Digester Tankage Retail Prices Reduced

Maximum price ceilings for fish scraps were promised by the Office of Price Administration last week in an announcement that extended the current retail ceilings on fish meal and reduced retail prices on meat scraps and digester tankage (details on page 4).

Demand for fertilizer raw materials started to taper a bit last week. The shipping season was at its peak in the South and was well under way in the North. Mixers were concentrating on deliveries, and the need for replacement materials was not too prominent as yet. More nitrate of soda was released in the North, but deliveries were small. Fertilizer tankage was advanced at New York.

Superphosphate producers indicated that delivered prices would be advanced shortly to conform with recent increases in freight rates. There was a possibility that the works price also would be higher. Sulphate of ammonia was in fair call. Ammonia phosphate and cyanamid offerings were very small.

Price Changes

Advanced

Cottonseed meal, 8%, 50c. per ton, Southeast mills.
Tankage, dom., fertilizer, f.o.b. N.Y., 25c. per unit.

Reduced

None

Comparative Values

Index numbers compiled from four typical fertilizer materials, on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
71.0	71.0	71.0	68.0

Market news that may have developed after this report was sent to press will be found on page 4.

Nitrogenates

Ammonia Phosphate.—Little available. Demand heavy.

Anhydrous Ammonia. — None offered for fertilizer use.

Calcium Nitrate.—None available in the United States.

Cyanamid.—Very tight. Only small amounts offered. Prices firm.

Dried Blood.—Little changed. Demand fair. Market firm.

Fish Scrap.—Maximum prices for fish meal, established by the Office of Price Administration, were continued in effect.

Nitrate of Soda. — Movement restricted by allocations. Small lots moving. Prices steady.

Nitrogenous Material. — Tightness more in evidence. Prices firm.

Sulphate of Ammonia.—Very heavy demand. Stocks none too plentiful. Offering limited. Prices steady.

Tankage.—Fertilizer grade advanced 25c. per unit at New York to $4.75 and 10c. Effective March 26, maximum retail prices for meat scraps were reduced $5 per ton and digester tankage $6 per ton from the temporary ceiling price prevailing since January 20.

Potashes

A very small movement of potash salts was reported last week. Demand was well sustained for this time of the year but offerings were none too plentiful. No shortage was feared but producers were keeping a careful watch on stocks. Prices steady and unrevised.

Phosphates

Bone Materials. — Demand fair. Prices steady and unchanged.

Phosphate Rock.—Demand fell off slightly last week. Consumers apparently were well supplied. Prices steady.

Superphosphate. — Demand heavy. Offerings limited by low stocks. Prices firm.

Superphosphate

Production of bulk superphosphate in January totaled 487,164 short tons, a slight decrease from the 487,558 reported for December, 1941, but 19.3 percent greater than the 408,192 reported for January, a year ago. Shipments of all superphosphate, other than base and mixed goods, in January amounted to 295,362 tons, a decrease of 6.8c. percent as compared with 316,817 reported for December, 1941, and a 22.5 percent increase when compared with 241,067 reported for January of last year. January bulk stocks of 1,082,860 tons represent a 3.2 percent increase over the 1,049,268 tons reported for the previous month but a 14.4 percent decrease from the 1,264,881 tons reported for January, 1941.

Sulphur and Pyrites

A steady movement into consumption featured the market for agricultural sulphur last week. Demand was holding fairly well and deliveries were regular. Prices were steady.

Markets at Other Centers

Atlanta—Mar. 27

The market for fertilizer materials in the South is as active as the supply of available materials will allow. Farmers are now pressing for mixed fertilizers for tobacco, cotton, corn and truck crops.

Superphosphate.—61½c. per unit, interior producing points.

Nitrate of Soda.—Fixed price; allocated; scarce.

Sulphate of Ammonia.—Price unchanged; scarce; demand heavy.

Cottonseed Meal.—8 percent grade, $39.50 to $40 per ton, Southeast mills.

Blood.—Imported, $5.35 per unit, port basis.

Baltimore—Mar. 27

Fish meal retail prices are to be continued in effect. With regard to scrap the new ceiling is to be set at $3 per ton under the maximum price of meal.

So far as meat scraps and digester tankage are concerned, the maximum prices are reduced $5 and $6 per ton from the temporary ceilings that prevailed since January 20.

Dried Blood.—The last price realized was $5.60 per unit-ton.

Superphosphate.—Quotations unchanged.

Bone.—Quotations entirely lacking.

Sulphate of Ammonia.—Developments lacking, with domestic business still being done at $29 per ton.

Chicago—Mar. 27

Fertilizer materials continue in good call. Inquiry has been better. Organics are attracting a little more interest. Movement of blood in somewhat better quantities is reported. Tankage remains in favorable market position. Bone materials are quiet.

Blood.—Principal grade, $5.80 per unit of ammonia.

Tankage.—High grade, feeding, $5.80 and 10c.; hoof meal, $4 to $4.50; liquid stick, $2.45 to $2.50.

Bone Materials.—Grinding hoofs, pigs' toes and waste horn materials, $35 to $40; cattle jaws, skulls and knuckles, $40 to $42.50; meat scraps, $75; dry rendered tankage, hard pressed, $1.25 to $1.27½; ground, steamed bone, 3 and 50 percent, $35 to $37.50.

San Francisco—Mar. 26

Advices reaching here from Washington revealed that new, lower ceilings are applied to certain tankage materials, while the fish meal schedule is continued. Trade generally is along very fair lines in all materials presently available to buyers. Sellers of nitrate of soda report a very good movement, with trade demand quite well accommodated. The Spring spreading season is progressing.

Nitrate of Soda.—100-pound bags, $33 per ton; 167-pound bags at $32.40; bulk lots at $30, all f.o.b. warehouse, Oakland.

Superphosphate.—Quoted at 89c. per unit in bulk, f.o.b. San Francisco; bags, $1.02.

Fish Meal.—Basis has been:—67 percent protein at $77.50 per ton, f.o.b. San Francisco; 65 percent at $75, f.o.b. Monterey.

Tankage.—Ceiling to be reduced $5 per ton on meat scraps, and $6 on digester tankage, according to word reaching here from Washington. Meantime, old business basis has been:—50 percent protein, ground, dry-rendered, $62.50 per ton; 55 percent at $65.

Domestic SULPHATE of AMMONIA AND AMMONIA LIQUOR
MADE IN THE U.S.A.
Barrett NITROGEN
THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET • NEW YORK, N. Y.

P.C.A. Red Muriate is ideal in your plant operation--Uniform in color--Uniform in analysis--Uniform in grain size.
Granular Muriate of Potash
Muriate of Potash 50% and 60%
Manure Salts
P.C.A.
RED MURIATE
POTASH COMPANY of America
GENERAL SALES OFFICE
50 BROADWAY NEW YORK CITY

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 9

Business Wants and Offers

RATES PER INSERTION—PAYABLE IN ADVANCE

Help Wanted and Positions Sought —Minimum $2.00 thirty-six words or less; 35c for each additional six words.
All Other Classified Advertisements —$5.00 thirty-six words or less; 85c for each additional six words or fraction.

Here's America's 7th COLUMN

A Column of Machines To Keep 'Em Rolling

FMC

We have contacted over 30,000 firms within the past month seeking equipment to be re-employed by plants directly or indirectly serving defense efforts. Here are some of our purchases and discoveries, offered for immediate use.

IMPREGNATOR
6′ x 24′

DEHYDRATING UNITS
Devine Vacuum Chamber Dryers
6 Tubular Steam Dryers
Double Drum Dryers, 28″ x 60″; 20″ x 71″
Steam or Gas Heated Truck, Tray or Conveyor Type Dryers

COMPLETE FERTILIZER MINE
Glover and Vulcan Locomotives
Plymouth Gasoline Locomotives
12 miles of Standard Rails
Universal Power Shovel
Steam Boilers and Engines
Steam Winch for Loaded Cars
Bucket Elevator; Drag Lines, etc.
Steam Pumps, Blowers, Suction Fans

PACKAGING EQUIPMENT
Standard Top and Bottom Gluers and Sealers
Pneumatic Scale Carton Filler and Sealer
2 Station Semi-Automatic Powder Fillers
Can and Jar Fillers and Labelers
Automatic and Semi-Auto. Cappers

VACUUM PANS and STILLS
42″ x 48″ Nickel Jacketed and Agitated Pan
(2) 7′ Copper Jacketed Vacuum Pans
6′ Copper Jacketed Vacuum Pan or Still
Several Smaller Pans or Stills

4-STAR ★ ★ ★ ★ FEATURES
Heavy Duty W. & P. Jacketed Mixers
Steel Storage Tanks, 3,000 gal. to 20,000 gal.
Struthers-Wells Triple Effect Evaporator
3 Aluminum Jacketed Kettles, 150 gal. and 300 gal.
1,700 gal. Steel Agitated Process Kettle
Sweetland Filters, Nos. 2, 5 and 7
6 Glass Lined Jktd. Agtd. 330 gal. Tanks
Large Pebble and Ball Mills
42″ x 42″ Sperry Cast Iron Filter Press
3 Glass Lined 50-gal. Vacuum Stills

Send for Full Details and Quotes

FIRST MACHINERY CORP.
FMC
9th St. & EAST RIVER DRIVE
NEW YORK CITY

Agencies Wanted

CANADIAN BROKER covering spice, chemical, grocery and allied trades interested in representing old established and well-known exporters of tartar products, citric acid, etc.; also exporters of spices; also handling tea and coffee. BOX 704, Oil, Paint and Drug Reporter.

EXPERIENCED ESSENTIAL oil, drug, chemical, pharmaceutical, raw materials salesman, covering Chicago, Cleveland, Detroit area, with completely equipped office, etc., wants to represent first-class manufacturer. Close, intimate connections volume buyers. BOX 705, Oil, Paint and Drug Reporter.

Businesses Offered

FOR SALE—One chance in a lifetime to earn 25% on investment. Present emergency compels sacrifice of well-established wallpaper, paint and linoleum store in Minnesota's best town 100 miles twin cities. Business largely retail, overhead low; $6,000 will handle. BOX 698, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

FOR SALE—Closeout counter display cases for selling cosmetics, perfumes, drugs, etc., $7.50 each; some all plate glass at $10 each, f.o.b. N. Y. C.; nickel tin trimmed with sliding panel rear doors; size 14 in. x 20 in.; two shelves, three compartments. BOX 700, Oil, Paint and Drug Reporter.

NEW JAR mills, 1, 2½, 4 gallons; pebble mills, 6 ft. x 6 ft., 6 ft. x 7 ft., 6 ft. x 8 ft., 7 ft. x 6 ft., silex lined; No. 0 Abbe blutergess sifter; rotary dryer, 30 in. x 40 ft.; 300-gallon jacketed agitated kettle. Lawler Company, Metuchen, N. J.

Equipment Wanted

WANTED—Our expansion program requires additional equipment. We need iron and wood filter presses, jacketed kettles, mixer, pulverizer, dryer, etc. No dealers. Send your offerings to BOX 653, Oil, Paint and Drug Reporter.

Materials Offered

LUMINOUS CALCIUM pigment, highest power, for manufacturing durable luminous paint. All night illumination during black-outs. No grinding required. Inclose $1.50 check for pound pigment postpaid. Complete vehicle information upon request. American Luminous Products Co. Sole manufacturers. Established 1914. Huntington Park, Calif.

HAVE for disposal 1,000 lbs. cobalt blue Harshaw chemical PSL 41; also lithopone, titanium dioxide, zinc sulphide. P. O. Box 151, Trenton, N. J.

PAINTERS' CAPS, paperhanger aprons and all other forms of cloth advertising specialties; samples and information on request. Minnesota Specialty Co., 119 N. 4th street, Minneapolis, Minn.

Materials Wanted

CHEMICALS, SOLVENTS and allied products, both surplus and discontinued lots as well as damaged lots, bought at premium prices. BOX 654, Oil, Paint and Drug Reporter.

FOR SALE

1-TRIPLE EFFECT ZAREMBA EVAPORATOR, 1200 sq. ft. per effect., chests arranged for additional Tubes, 200 sq. ft. extra if desired. Excellent condition. To concentrate 60,000 gals. of black liquor in 22 hours, 30 lb. pressure, 27 in. vacuum.

1-TRIPLE EFFECT INCLINED BUFLOVAK EVAPORATOR, 550 sq. ft. per effect, charcoal iron tubes, complete.

Box 701, Oil, Paint and Drug Reporter, 59 John Street, New York.

Materials Wanted

IMPORTERS of pharmaceutical products and drugs. Specially interested caustic soda, soda ash, citric acid, lithopone, hypochlorites and other heavy and fine chemicals for our industries in Mexico. American Trading Co., S. De R. L. Avenida Juarez 30, Mexico D. F.

Positions Vacant

CHICAGO AGENCY—Well known manufacturer perfume and flavor specialties, essential oils and chemicals seeks representative Chicago territory. BOX 680, Oil, Paint and Drug Reporter.

DELIVERY NOW!

Devine Lead Lined Autoclave, Agitated, 700 gal.
Buffalo Cast Steel Autoclave, Agitated, 300 gal.
W & P Mixers, 9 and 100 gallon
New and Used Glass Lined Tanks
Glass Lined, Aluminum and Copper Jacketed Kettles
Copper 36″ Jacketed Agitated Vacuum Pan
Dry Powder Mixers, 50 to 1000 lbs.
64 gallon Lead Mixers, M.D.

What Have You For Sale?

MACHINERY & EQUIPMENT CORPORATION
59 East 4th Street New York, N.Y.

SPECIAL
1—3 Roll High Side Raymond Mill, belt driven, complete with Cone Separator, Fan, Cyclone Dust Collector & Piping.

2—Stokes 18″x42″ and 3′x15′ Rotary Vac. Dryers.
1—Gehnrich Single Truck Dryer.
1—Oliver Rotary Filter, 6′x6′.
3—Sweetland Filters, No. 5, No. 7 and No. 8.
12—Iron and Wood Filter Presses, 6″ to 48″ sq.
1—Day No. 30 Imperial Mixer, Jack.
6—Varnish Kettles, up to 200 gals.
5—Ross 8, 15 and 40 gal. Pony Mixers.
4—Ross and Lehman 3 Roll Mills, 12″x30″ and 16″x40″.
10—Pebble and Jar Mills, Lab. to 750 gals.
2—Tolhurst Centrifugals, 26″, 32″ and 40″.
10—Stone Mills, 8″ to 36″.
8—Lead and Paste Mixers, 50 to 135 gals.
6—Powder Mixers, 50 pounds to 3,500 pounds.
6—Horiz. and Vert. Mixers, up to 500 gals.
18—Glass Lined and Stainless Steel Tanks, Steel Tanks and Jack. Kettles, up to 10,000 gals.
20—Copper Jack. Kettles, up to 150 gals.
1—No. 700 DeLaval Centrifuge.
4—Tablet and Preform Machines, up to 2″.
2—No. 0 and No. 1 Raymond Mills.
6—William and Jay Bee B. B. Hammer Mills.
1—Bauer 22″ Attrition Mill.
1—Link Belt 75′ Slat Conveyor.
1—Stedman 42″ Ball Bearing Disintegrator.
15—Electric Agitators, ⅛ to 10 H.P.
20—Rotary, Centrifugal and Vacuum Pumps.
6—Liquid, Paste and Powder Fillers.

Only partial listing
Write for complete bulletins
We buy your surplus machinery

STEIN EQUIPMENT CORPORATION
Department E
426 Broome Street New York City

Positions Wanted

PAINT CHEMIST, 36 years of age, Christian, thoroughly experienced in research, purchasing, production control, sales and collection in trade; industrial and specification sales; excellent references. BOX 702, Oil, Paint and Drug Reporter.

STAINLESS STEEL TANKS
50 to 300 gals., dished bottoms, with outlet, mounted on iron stands
Stainless Steel Truck Tank, 5′ dia. x 14′, insulated and covered with aluminum, 1980 gals.
Sweetland Filter, No. 7, with 41 leaves, 25″ dia.
Copper Tank, 66″ dia. 7′ high, closed, with agitator and coils.
Copper Evaporators, 250 gals. and 10 gals.
Two Laboratory Separators.
Steam-Jacketed Tank, 9′ dia. x 5′ deep, with agitator—new.
Patterson Pebble Mill, lined, 2′ x 3′.
Ice Machines, Motors, Generators, Condensors, Boilers, Pumps, Tanks, Valves, Pipe and Fittings.

H. LOEB & SON 4603 LANCASTER AVE. PHILADELPHIA, PA.

LIQUIDATION

Agricultural Products Labs., Inc.
New Bern, N. C.

1—Raymond 5 Roll, High Side Roller Mill, motor driven, with double whizzer, cyclone dust collector, motors, fan, etc.
1—Lead Lined Single Effect Evaporator with multiple effect economy, condenser, etc., 525 sq. ft. surface.
1—Tolhurst Suspended type Centrifugal, 40″ solid cast iron basket, motor driven.
3—Lead Lined Tanks, 40″x7′.
3—Steel Heat Exchangers, 100 sq. ft.
1—Straub Continuous Ball Mill, 30″x20″.
1—Abbe Ball Mill 30″x30″.
1—Zeiss 4 objective Microscope.

240,000 lbs. Tobacco Stems.
17½ tons 300 mesh Extracted Tobacco Dust, packed in paper bags.
4,500 lbs. 76% Flakes Caustic Soda, in 400 lb. original steel drums.
4,200 lbs. 66 Baume Sulphuric Acid, packed 200 lb. to each carboy.
9,000—50 lb. Multi-Wall Paper Bags.

WRITE, PHONE OR WIRE FOR FULL PARTICULARS. REFER TO AGPRO.

SELECTED SPECIALS

1—Buflovak 6′ Crystallizer, with Vacuum Cover.
1—Patterson 500 gal. Lead Lined, agitated, closed Kettle, with 10 HP Patterson Unipower Drive.
1—Louisville Type Steam Tube Dryer, 6′x30′.
16—Buflovak Jacketed Kettles 42″ dia. x 60″ deep.
1—Anderson RB Oil Expeller.
1—Day Jumbo Jacketed Mixer, 700 gal.
14—Pebble Mills, from Lab. to 1,000 gals.
1—Hardings 3′x8″ steel lined Ball Mill.
5—Tolhurst Centrifugals, 20″, 32″, 40″, 48″, 60″.
22—50 to 2,000 lb. Batch Mixers.
25—Copper Steam Jacketed Kettles, 10 to 300 gal., agitated and non-agitated.
3—Sweetland, Nos. 5, 7, 10 Filters.
19—Shriver and Sperry Cast Iron, Wood, Aluminum and Bronze Filter Presses, 12″ to 42″.
1—Valley Iron Works, 75 gal. Autoclave, jacketed agitated.
1—Rotary Klin 8′x90′, ½″ Steel Shell.
6—Colloid Mills, U. S. and Premier.
12—Glass Lined Storage Tanks, 50 to 1,000 gal.

Tablet Machines — Screens — Pumps—Conveyors—Filling and Packaging Equipment — Single and Multiple Effect Evaporators—Dryers, etc.

Send for our circulars and bulletins. Your inquiries solicited. We buy your surplus machinery — from single items to complete plants.

BRILL EQUIPMENT CORP. 183 VARICK ST. NEW YORK, N. Y.

NO TIME TO BE LOST

Consolidated can help you with

- **Largest Stocks**
- **Quicker Delivery**
- **Savings in Time and Money**

SPECIAL ITEMS FROM STOCK

1—Proctor & Schwartz 24-truck Atmospheric Dryer, 4166 sq. ft. tray service.
6—Rotary Vacuum Dryers; 1-5 x 30 ft.; 1-5 x 25 ft.; other smaller sizes.
7—3-Roller Mills, up to 16 by 40.
1—W. & P. Vacuum Mixer, 100 gals.; other W. & P., 2 gals. to 2,000 gals.
8—2,000 lbs., 1,200 lbs., 800 lbs. Dry Powder Mixers.
1—Oates 10 ft. copper Calandria Pan; other 50 to 500 gals.
4—4 ft. x 6 ft. Iron Oliver Filters.
12—Ball and Pebble Mills, 10 gals. to 500 gals.
2—Pneumatic Scale Packaging Units.

Only a partial listing. Send us your inquiries.

CONSOLIDATED PRODUCTS CO., Inc.
13-18 Park Row - - New York, N. Y.
SHOPS, 335 Doremus Avenue, Newark, N. J.

Business Wants and Offers

Positions Wanted

PAINT and varnish salesman of long experience in New York, Pennsylvania and D. C., wants a "fill-in" job left open by draftee. BOX 699, Oil, Paint and Drug Reporter.

MAN with 20 years' technical and sales experience and knowledge of chemistry, wants connection with manufacturer of raw materials for the paint, varnish, rubber, printing ink, etc., industries; age 45. BOX 703, Oil, Paint and Drug Reporter.

Varnish Fires

VARNISH FIRES—Complete oil and gas burning systems specially adapted for varnish fires. Tangential or central fired settings with carbofrax domes, or diffuser rings and pedestals. Many years' experience in these installations. Otto Penzenstadler, Ridgewood Station, BOX 48, Brooklyn, N. Y.

Contract Distribution Offices Listed

—Continued from page 3

Illinois

Joseph A. Overlock, State director; Clarence Alvidsen, chairman of advisory committee.

Chicago (main office)—Thos. N. Wynn, acting manager, 20 N. Wacker drive; telephone: Andover 3600.

Decatur—Geo. Hale, acting manager, 308 Standard Office building, 132 So. Water street; telephone: 2-7012.

Peoria—Ralph Pritchard, acting manager, 2d floor, Alliance building; telephone: 8623.

Springfield—Edward Gerrity, manager, 407 Leland Office building; telephone: 3-6211.

Indiana

Frank Hoke, State director; J. M. Smith, chairman of advisory committee.

Indianapolis (main office)—Harry S. Rogers, acting manager, Circle Tower building; telephone: Market 9411.

South Bend—Howard E. Richardson, manager, 206 City National Bank building; telephone: 2-1411.

Evansville—Vincent Terry, acting manager, 8 Koenig building, 112 North West Fourth street; telephone: 3-5406.

Fort Wayne—George A. Dinnen, manager, 410 Utility building, 114-118 E. Wayne street; telephone: Anthony 3415.

Iowa

George Beese, State director; Vernon L. Clark, chairman of advisory committee.

Des Moines (main office)—Geo. Beese, acting manager, 708 Crocker building; telephone: 4-1909.

Kansas

Harold Hartzell, State director; George B. Weeks, chairman of advisory committee.

Wichita (main office)—Harold Hartzell, manager, 1314 Union National Bank building, telephone: 5-8551.

Kentucky

Prentiss M. Terry, State director.

Louisville (main office)—Prentiss M. Terry, manager, 200 Todd building; telephone: Wabash 6553.

Louisiana

R. E. Judd, State director; A. B. Paterson, chairman of advisory committee.

New Orleans (main office)—R. E. Judd, manager, 423 Canal building; telephone: Raymond 2312.

Shreveport—R. E. Judd, manager, 916 Giddens Land building, Milan and Marshall streets; telephone: 2-9303.

Maine

Herbert Payson, jr., State director.

Portland (main office)—H. Payson, jr., acting manager, Congress building, 142 High street; telephone: 2-0194.

Bangor—Chas. E. Walker, acting manager, 44 Central street; telephone: Bangor 6300.

Maryland

G. W. Creighton, State director; W. F. Roberts, chairman of advisory committee.

Baltimore (main office)—G. W. Creighton, manager, 1254 Baltimore Trust building; telephone: Plaza 7460.

Massachusetts

Edward V. Hickey, State director.

Boston (main office)—Edw. V. Hickey, manager, 17 Court street; telephone: Lafayette 7500.

Fall River—Harold S. Ramsay, acting manager, 27 South Main street; telephone: 7-9306.

Lowell—W. E. Stanwood, acting manager, Sun building, 8 Merrimac street; telephone: Lowell 6388.

Springfield—H. G. Philbrook, manager, 95 State street; telephones: 2-7493, 2-7494.

Worcester—D. C. Daniels, manager, State Mutual building, 340 Main street; telephone: 6-4671.

Michigan

Warren H. Clarke, State director; Clarence Avery, chairman of advisory committee.

Detroit (main office)—W. H. Clarke, manager, Boulevard building, 7310 Woodward avenue; telephone: Trinity 5500.

Grand Rapids—Herman E. Pleasant, manager, 1004 Michigan National Bank building, 77 Monroe avenue, N. W.; telephone: 6-5373.

Iron Mountain—George A. Dimmer, acting manager, 400 Commercial National Bank building; telephone: Iron Mountain 1400.

Minnesota

W. R. Stephens, State director; Roger Shepard, chairman of advisory committee.

Minneapolis (main office)—W. R. Stephens, acting manager, 326 Midland building; telephone: Main 3244.

Duluth—Arthur J. Newman, manager, 416 Federal building; telephone: Melrose 2396.

Mississippi

Jackson (main office)—A. G. McIntosh, acting manager, 605 Tower building; telephone: 3-4062.

Missouri

St. Louis (main office)—F. J. McDevitt, manager, suite 1131, Paul Brown building; telephone: Central 3200.

Kansas City—R. W. Webb, manager, 508 Mutual building, Thirteenth and Oak streets; telephone: Victor 7780.

Montana

R. E. Towle, State director.

Helena (main office)—R. E. Towle, manager, 222 Power Block; telephone: 3270.

Nebraska

Arthur Walker, State director.

Omaha (main office)—W. Ralph Morgan, manager, 501 Grain Exchange building, Nineteenth and Harney streets; telephone: Jackson 6466.

Nevada

Reno (main office)—Edwin S. Bender, acting manager, Saviers building; telephone: 2-4833.

New Hampshire

Manchester (main office)—Daniel S. Hickey, acting manager, Amoskeag Industries building, Stark street; telephone: 2031.

New Jersey

R. L. Kennedy, State director; Thomas R. Jones, chairman of advisory committee.

Newark (main office)—R. L. Kennedy, manager, Globe building, 20 Washington place; telephone: Market 2-0700.

Camden—Frederick Cohen, acting manager, Broadway Stevens building, 300 Broadway; telephone: Camden 9075.

Trenton—Chas. S. Maddock, acting manager, City Center building, 32 E. Hanover street; telephone: 2-4455.

New Mexico

George Lusk, State director.

Albuquerque (main office)—Geo. Lusk, acting manager, 103½ West Central avenue; telephone: 6641.

New York

New York (main office)—W. O. Crabtree, manager, Chanin building, 122 E. Forty-second street; telephone: Murray Hill 3-6810.

Albany—F. J. Holman, manager, Standard building, 112 State street; telephone: 5-1749.

Brooklyn—Peter J. Lahny, manager, 16 Court street; telephone: Main 4-0306.

Buffalo—Thomas J. O'Rourke, manager, 212 Manufacturers' and Traders' Bank building, Main and Swan streets; telephone: Madison 3160.

Rochester—Mahlon Gregg, manager, Commerce building, 119 E. Main street; telephone: Main 546.

Syracuse: T. D. Harter, manager, 302 Starrett-Syracuse building, 224 Harrison street; telephone: 2-1343.

Utica—Earle R. Mason, manager; First National Bank building, Genessee street; telephone: Utica 2-5231.

North Carolina

Irving F. Hall, State director; R. M. Hanes, chairman of advisory committee.

Charlotte (main office)—Eugene C. Ochsenreiter, manager, New Liberty Life building; telephone: 7611.

Raleigh—R. M. Hanes, acting manager, Sir Walter Hotel building; telephones: 3-1901-2-3.

North Dakota

Bismarck (main office)—Paul W. Fawcet, acting manager, 14 First National Bank building; telephone: 174.

Ohio

C. R. Terry, State director; Herman Lind, chairman of advisory committee.

Cleveland (main office)—Henry F. Jordan, acting manager, Union Commerce building, East Ninth and Chester avenue; telephone: Cherry 7900.

Canton—E. Oscar Kuendig, manager, 601 Commercial building, 205 Market avenue, South; telephone: 3-9104.

Cincinnati—Thomas Grace, acting manager, 804 Union Trust building; telephone: Cherry 3740.

Columbus—B. J. Zuhara, acting manager, 513 E. Town street; telephone: Main 6573.

Dayton—Collins Wight, acting manager, 819 Third National building, 32 North Main street; telephone: Hemlock 6321.

Toledo—Alvin E. Buchenberg, manager, 833 Security Bank building; telephone: Garfield 9583.

Youngstown—Leif Oyen, manager, 1002 Union National Bank building; telephone: 3-0415.

Oklahoma

Morton R. Harrison, State director; Fred Jones, chairman of advisory committee.

Oklahoma City (main office)—W. L. Ducker, jr., manager, 540 Key building; telephone: 7-2456.

Tulsa—John H. Keys, manager, 435 Kennedy building; telephone: 2-3274.

Oregon

John G. Barnett, State director; Thomas H. Banfield, chairman of advisory committee.

Portland (main office)—John G. Barnett, acting manager, 815 Bedell building; telephone: Atwater 7241.

Pennsylvania

Orville H. Bullitt, State director; Thomas S. Gates, chairman of advisory committee.

Philadelphia (main office)—O. H. Bullitt, manager, Suburban Station building, 1617 Pennsylvania boulevard; telephone: Locust 3400.

Allentown—E. R. Follin, jr., acting manager, 506 Hamilton street; telephone: 3-7406.

Chester—Abbott Smith, manager, 12-14 East Fifth street; telephone: Chester 6207.

Erie—Harry B. Joyce, acting manager, Erie Trust Company building; telephone: 24-123.

Harrisburg—Ritchie Lawrie, jr., acting manager, Doehne building, 24 South Fourth street; telephone: Harrisburg 4-1157.

Johnstown—John S. Wagoner, manager, U. S. National Bank building, 216 Franklin street; telephone: 6-1251.

Lancaster—Arthur K. Barnes, manager, 655 Woolworth building; telephone: 2-0011.

Norristown—Geo. Peterson, jr., manager, 306-308 Norristown-Penn Trust building; telephone: 6760.

Pittsburgh—M. F. McOmber, manager, 405 Fulton building; telephone: GR 3790.

Reading—John A. Archer, acting manager, 615 Penn street; telephone: 4-4901.

Scranton—J. P. Eyre Price, acting manager, 415 First National Bank building; telephone: 4-6158.

Wilkes-Barre—W. H. Pierce, manager, 53 West Market street; telephone: 9086.

Williamsport — Fred J. Livingston, manager, Susquehanna Trust Company building, 120 W. Fourth street; telephone: 9142-3.

York—Richard S. Cole, manager, Mfr's Assn. building, 25 N. Duke street; telephone: 7881.

Rhode Island

Walker Mason, State director; Col. Wm. Shawcross, chairman of advisory committee.

Providence (main office)—Arthur J. Minor, acting manager, 530 Industrial Trust building; telephone: Dexter 4684.

South Carolina

Columbia (main office)—D. E. McDuffie, acting manager, 204-206 Manson building, 1207 Taylor street; telephone: 2-8646.

South Dakota

Sioux Falls (main office)—Fred M. Chase, acting manager, 309-310 Boyce Greely building; telephone: 1146.

Tennessee

Arthur M. Field, State director; Arthur J. Dyer, chairman of advisory committee.

Memphis (main office)—Arthur M. Field, manager, 2112 Sterick building; telephone: 5-7421.

Chattanooga—P. E. Shacklett, manager, 909-910 James building; telephone: 6-4745.

Knoxville—W. W. Mynatt, acting manager, 204-5 Goode building; telephone: 4-2944.

Nashville—W. G. Whitsitt, manager, 1014 Stahlman building; telephones: 5-7378-9.

Texas

C. J. Crampton, State director, Ninth Floor, Elec. building, 1016 Walker avenue; telephone: Capitol 7201.

Dallas—A. J. Langford, manager, Fidelity building; telephone: Riverside 4651.

El Paso—L. A. Wilke, manager, 222 El Paso National building; telephone: Main 2881.

Houston—I. M. Griffin, manager, Ninth Floor, Elec. building, 1016 Walker avenue; telephone: Capitol 7201.

San Antonio—P. E. Locke, manager, 816 Majestic building, Houston and Navarro streets; telephone: F-5321.

Utah

G. M. Gadsby, chairman of advisory committee.

Salt Lake City (main office)—B. W. Mendenhall, acting manager, 306 David Keith building; telephone: 3-7676.

Vermont

Leslie E. Richwagen, State director.

Montpelier (main office)—A. M. Creighton, jr., acting manager, 12 State street; telephone: 1410.

Virginia

Richmond—J. L. Mason, State director, Johnson Publishing building, Fifth and Cary streets; telephone: 7-2331.

Norfolk—J. L. Mason, acting manager, 528 Dickson building.

Roanoke—J. L. Mason, acting manager, 118 Kirk avenue, S. W.; telephone: 3-4421.

Washington

Harry J. Martin, State director; J. G. Larson, chairman of advisory committee.

Seattle (main office)—H. J. Martin, acting manager, 239 Henry building; telephones: Main 2155-6.

Spokane—Lars Carlson, manager, 629-630 Old National Bank building; telephone: Main 3521.

West Virginia

Walter L. Hart, State director; John A. Kennedy, chairman of advisory committee.

Charleston (main office)—E. J. McClees, manager, 24 Capital City building; telephone: 39-511.

Huntington—Frank Enslow, manager, 309-311 West Virginia building; telephones: 29316-7.

Clarksburg—Alex H. Cooper, manager, Empire National Bank building; telephones: 1460-1.

Wheeling—E. C. Drake, manager, Hawley building, 1025 Main street.

Wisconsin

Clifford E. Ives, State director; Harold H. Seaman, chairman of advisory committee.

Milwaukee (main office)—Clifford E. Ives, manager, 161 West Wisconsin avenue; telephone: Broadway 4440.

Appleton—Clifford E. Ives, acting manager, 341 West College avenue; telephone: 4476.

Eau Claire—Dorance W. Walters, acting manager, 128½ Graham avenue; telephone: 2-1395.

Madison—John D. Howard, acting manager, 119 East Washington avenue; telephones: Gifford 5234-5.

Wausau—Clifford E. Ives, acting manager, 404 Third street; telephone: 6548.

Wyoming

W. F. Wilkerson, State director.

Casper (main office)—W. F. Wilkerson, acting manager, Box 1211; telephone: 3196.

DRUMS RECONDITIONED

CLEANED DENTS REMOVED
TESTED BAKED PAINT
RELINED (High Temp.)

NEWARK STEEL DRUM CO.

C. J. COLVILLE
President

LINDEN, N.J.
Phone 2-4488

Shipping Information

All matter under this head fully protected by copyright

New York Imports

ACID, CRESYLIC—488 dms, 114 tons, 5 cwts
ALOE—89 tins
ARSENIC, WHITE—406 bbls, American Smelting & Refg Co
ASBESTOS—1,000 bgs, 68 tons, 6 cwts, 8 lbs, Commercial Bank Trust Co
3,050 bgs, Union Asbestos & Rubber Co
3 bgs, U S Asbestos Division
ASPHALT—1,000 bgs, Allied Asphalt & Mineral Corp
3,473 bbls, Barber Asphalt Corp
BONES—1,423 bgs, Bank of New York Trust Co
3,897 bgs, Anewalt Schmidt Co
1,999 bgs, 199,584 lbs, Swift & Co
966 bgs, 221,674 lbs, Armour & Co
BUCHU LEAVES—20 bls, S B Penick & Co
20 bls, J L Hopkins & Co
CALCIUM TARTRATE—145 bgs, 26,122 lbs, Standard Brands, Inc
CASEIN—500 bgs, 66,000 lbs, A Hurst & Co
417 bgs, 55,049 lbs, American British Chemical Supplies
1,667 bgs, 220,044 lbs, H S Cramer & Co
CASTOR BEANS—9,582 bgs, 1,197,750 lbs, Spencer Kellogg & Sons
CHAMOMILE FLOWERS—19 cs, 4,690 lbs, S B Penick & Co
CHROME ORE—2,577 tons
3,500 tons, 23 cwts, 1 qtr, 21 lbs, E J Lavino & Co
CINCHONA BARK—246 bls, 23,680 lbs, Merck & Co
36 bls, 5,172 lbs
COBALT, CRUDE—780 dms, African Metal Corp
COCOA BEANS—194 bgs, 19,400 lbs, Nieschlag & Co
1,000 bgs, 100,000 lbs, Machado & Co
500 bgs, 50,000 lbs, Wessel, Kulenkampf & Co
1,000 bgs, 100,000 lbs, Farr & Co
COLOMBITE—349 bgs, 13 tons, Banque Belge pour l'Etranger
COTTON LINTERS—181 bls, New England Waste Co
CORK, VIRGIN—928 bls, National City Bank
WASTE—1,405 bls, Manufacturers Trust Co
WOOD—965 bls, Irving Trust Co
280 bls, Chase National Bank
217 bls, Corn Exchange Bank Trust Co
208 bls, Commercial National Bank Trust Co
500 bls, National City Bank
600 bls, Trust Co of North America
DRUGS—3 cs, Milton Snedeker Corp
FLAXSEED—5,032,000 kilos, 201,280 bus
GLASS, WINDOW—470 cs, New York & Cuba Mail S S Co
GLYCERIN—(Bulk) 341,220 lbs, and 23 dms, 27,656 lbs, Armour & Co
GUM, COPAL—417 bgs, 50,040 lbs, France, Campbell & Darling
655 bgs, 81,600 lbs, Chase National Bank
460 bgs, 55,280 lbs, Gillespie-Rogers-Pyatt Co
417 bgs, 50,040 lbs, Crefina Trading Co
1,613 bgs, 193,560 lbs, Banque Belge pour l'Etranger
349 bgs, 41,880 lbs, Stroock & Wittenberg Corp
2,567 bgs, 308,040 lbs, Balfour, Guthrie & Co
TYPE LAC—12 bgs, 1,440 lbs, Gillespie-Rogers- Pyatt Co
HAIR, CATTLE—1 bl, 490 lbs, Jorge G Olavarria
CATTLE EAR—2 cs, 316 lbs
COW—20 cs, 2,587 lbs, Arnhold & Co
30 cs, 19,712 lbs, Chase National Bank Trust Co
GOAT—17 bls, 15,637 lbs, Fulton Weeks Corp
46 pkgs, 21,859 lbs, Brown Bros Harriman Co
HORSE—10 cs, Arnhold & Co
90 cs, F H Cone & Co
130 cs, 80 bgs, National City Bank
70 cs, Chase National Bank
95 cs, 13,833 lbs, Royal Co
60 cs, 10,260 lbs, F H Cone & Co
80 cs, 10,348 lbs, Arnhold & Co
30 cs, 5,130 lbs, Pittsburgh Plate Glass Co
100 cs, 11,760 lbs, Albert Mann
25 bls, 22,585 lbs, Brush & Weaving Hair Mfg Co
10 cs, 4,525 lbs, Kleve & Warish
14 cs, 4,030 lbs, Sterling National Bank Trust Co
60 cs, 15,444 lbs, Liberty Title & Trust Co
26 bls, 10,692 lbs, Straus & Reis
58 pkgs, 44,618 lbs, Corn Exchange Bank Trust Co
17 bls, 13,464 lbs, Liberty Title & Trust Co
18 cs, 5,346 lbs, 29 bls, 6,663 lbs
9 cs, 2,312 lbs, Guaranty Trust Co
50 cs, 12,870 lbs, National City Bank
65 cs, 16,731 lbs, Chase National Bank Trust Co
100 cs, 25,740 lbs, Bank of New York Trust Co
16 cs, 4,118 lbs, Philadelphia National Bank
90 bls, 14,300 lbs, E B & A C Whiting Co
4 cs, 657 lbs, Ainstein Import Corp
5 bls, 3,366 lbs, Hair & Fiber Supply Co
40 bls, 36,520 lbs, F P Woll & Co
1 bl, 202 lbs, N Wagman Co
2 bls, 673 lbs, Draeger Shipping Co
19 bls, 1,144 lbs, S Koerner
HORSE & COW—1 cs, H P Winter & Co
HORSE MANE — 40 cs, 4,873 lbs, A A Krejtman, Inc
203 cs, 28,515 lbs, H Rosenhirsch Co
10 bls, 9,394 lbs, Hair & Fiber Supply Co
HORSE TAIL—73 cs, 14,180 lbs, A A Krejtman, Inc
19 cs, 4,169 lbs, 24 bls, 17,116 lbs
PIG—2 bls, 409 lbs, N Wagman Co
13 cs, 1,604 lbs, Draeger Shipping Co
21 cs, 2,420 lbs, National City Bank
HERBS, MED—128 bls
47 bls, 37,798 lbs, R J Prentiss & Co
12 bls, 8,155 lbs, S B Penick & Co
KYANITE ORE—506 tons, 6 cwt, Charles Taylor & Co
LIVER EXTRACT—8 cs, Milton Snedeker Corp

YOU, too, should have your imports listed here for the information of OPD readers—it costs you nothing.

Mail lists of arrivals promptly and regularly, or telephone them—REctor 2-9820.

MANGANESE ORE—1,000 tons, M Golodetz & Co
3,500 tons, Bethlehem Steel Co
15,698,600 lbs, Philadelphia National Bank
3,200 tons, Carnegie Illinois Steel Co
MANGROVE BARK—2,526 bgs, Barkey Import Co
MARJORAM LEAVES—100 bgs, 5,500 lbs, Andes Fruit & Product Co
130 bgs, 8,976 lbs, A G Dunn
40 bgs, 2,288 lbs, Levy & Levis Co
200 bgs, 11,440 lbs
MICA—250 cs, 30,250 lbs, Jose Koppel & Co
BLOCK—133 cs, Heyman & Co
30 cs, American Mica Works
71 cs, Schwab Bros Corp
210 cs, F Garneau
57 cs, Mineral Insulator Co
9 cs, Ford Radio & Mica Works
9 cs, Mercantile Import & Export Co
181 cs, Eugene Munsell & Co
DISCS—2 cs, American Mica Works
2 cs, Schwab Bros Corp
10 cs, Asheville Mica Co
1 cs, Mercantile Import & Export Co
14 cs, A O Schoonmaker Insulation Co
3 cs, Eugene Munsell & Co
6 cs, Heyman & Co
3 cs, Gillespie-Rogers-Pyatt Co
FILM—3 cs, Gillespie-Rogers-Pyatt Co
3 cs, Cornelis & Suhr
14 cs, Heyman & Co
30 cs, American Mica Works
25 cs, Schwab Bros Corp
3 cs, Ford Radio & Mica Works
6 cs, Otto Gerdau Co
116 cs, Wm Brand & Co
172 cs, Eugene Munsell & Co
4 cs
SPLITTINGS—448 cs, A O Schoonmaker Insulation Co
100 cs, Otto Gerdau Co
807 cs, Mica Insulator Co
65 cs, Schwab Bros Corp
452 cs, Wm Brand & Co
105 cs, American Mica Works
479 cs, Gillespie-Rogers-Pyatt Co
20 cs, F D Pitts Co
463 cs, General Electric Co
480 cs, Ford Radio & Mica Co
600 cs, F Garneau
635 cs, Cornelis & Suhr
1,094 cs, Heyman & Co
869 cs, Eugene Munsell & Co
MOLYBDENUM — 454 dms, Mines Product Corp
MUSTARD SEED—206 bgs, 36,256 lbs, W R Grace & Co
OIL, OLIVE—10 dms, W J Bush & Co
ESSENTIAL—2 dms, Pan American Trust Co
7 dms, Geo Lueders & Co
GUAIACWOOD—3 cs, 330 lbs, Geo Lueders & Co
JUNIPER—3 dms, Geo Lueders & Co
LAVENDER—6 dms, Kachurin Drug Co
23 dms, Ungerer & Co
LEMONGRASS—8 cs, S Stern Stiner & Co
NEATSFOOT—91 cs, 42,022 lbs, Maurice Bory & Co
57 cks, 26,120 lbs, Block International Corp
82 tcs, 39,534 lbs, Armour & Co
10 tons, Arista Oil Products Co
PETITGRAIN—50 cs, 6,316 lbs, W R Grace & Co
11 dms, 5,005 lbs, Norda Essential Oil & Chemical Co
50 cs, 6,316 lbs, S Stern Stiner & Co
11 dms, 5,005 lbs, Gene Ral Drug Co
22 cs, 10,010 lbs, Norda Essential Oil & Chemical Co
6 cs, 2,486 lbs, J Berlage Co
ROSEMARY—3 dms, Geo Lueders & Co
3 dms, Dodge & Olcott Co
RUE—1 dm, Kachurin Drug Co
SANDALWOOD—17 cs, Fritzsche Bros
39 cs, Magnus, Mabee & Reynard
SUNFLOWERSEED, REF'D — 151 dms, 73,480 lbs, Importing Corp, Ltd
50 dms, 23,955 lbs, Balfour, Guthrie & Co
THYME—5 dms, Geo Lueders & Co
3 dms, Kachurin Drug Co
1 dm, Dodge & Olcott Co
VEGETABLE—1 cs, 22 lbs, J Berlage Co
1 cs
VETIVER—58 kilos, 127 lbs, Volkart Bros
OX GALLS—13 cs, 7,693 lbs, Biological Raw Product Co
PAPRIKA—2,472 bgs, 296,640 lbs
120 bgs, 13,200 lbs, R Azicri & Co
860 bgs, 94,600 lbs, W R Grace & Co
PEPPER, SMALL—100 bgs, 11,286 lbs, H Schoenfeld & Son
QUEBRACHO EXTRACT—6,480 bgs, 777,600 lbs, The Tannin Corp
7,665 bgs, 919,800 lbs, International Product Corp
935 bgs, 112,200 lbs, R J Vogel & Co
1 bg, 88 lbs, Rector Mineral Trading Corp
SAPONIN—136 cs, 11,668 lbs, W R Grace & Co
SCHEELITE ORE—393 bgs, 43,863 lbs, Bank of the Manhattan
SHELLAC—200 bgs, 22 tons, 6 cwt, 3 qtrs, 12 lbs, Gillespie-Rogers-Pyatt Co
400 bgs, 44 tons, 12 cwt, 6 qtrs, 24 lbs, Bingham & Co
1,000 bgs, 112 tons, 2 cwt, 1 qtr, 4 lbs, Wm Zinsser & Co
200 bgs, 22 tons, 6 cwt, 3 qtrs, 12 lbs, Dings & Schuster
SEEDLAC—800 bgs, 33 tons, 10 cwt, 1 qtr, 4 lbs, Gillespie-Rogers-Pyatt Co
800 bgs, 55 tons, 15 cwt, 7 qtrs, 44 lbs, Wm Zinsser & Co
200 bgs, 22 tons, 6 cwt, 2 qtrs, 4 lbs, Lind, Mayer & Co
200 bgs, 22 tons, 6 cwt, 3 qtrs, 12 lbs, Berry Bros
500 bgs, 55 tons, 15 cwt, 7 qtrs, 44 lbs, Bingham & Co
400 bgs, 45 tons, 2 qtrs, 24 lbs
SILVER SULPHIDES—127 bgs, J Henry Schroeder Banking Corp
SOAP—50 cs, Lever Bros
SPONGES—6 bls, 345 lbs, Gulf West Indies Co
9 bls, 512 lbs, Atlantic Sponge & Chamois Co
TALLOW—74 cts, J H Burns
522 cks, Manufacturers Trust Co
827 cks, Anewalt Schmidt, Inc
BEEF—249 dms, 244,809 lbs, National City Bank
TANTALITE—50 bgs, 2 tons, Banque Belge pour l'Etranger
TARTAR—56 bgs, American Cream Tartar Co
TEAWASTE—2,000 bgs, Citro Chemical Co
THYME LEAVES—100, bls
TIN ORE—154 bgs, Watson, Geach & Co
WAX, ANIMAL—11 bgs, 1,100 lbs, Galban & Co
BEES—180 bgs, 18,000 lbs, Guaranty Trust Co
148 bgs, 14,800 lbs, Strahl & Pitsch
WAX, BEES—166 bgs, E A Bromund Co
225 bls, 22,500 lbs, Marine Midland Trust Co
99 blocks, Manufacturers Trust Co
300 blocks, Distributing & Trading Co
16 blocks, H R Potter
1,658 bgs, 165,800 lbs, Balfour, Guthrie & Co
238 blocks, Industrial Sales Corp
33 bgs, 3,300 lbs
133 bgs, 13,300 lbs, Will & Baumer Candle Co
41 bgs, 4,358 lbs, Oil Product Co
80 bgs, 11,528 lbs, Duncan, Fox & Co
230 bgs, 32,923 lbs, W R Grace & Co
25 bgs, 6,250 lbs, Lopez Serrano & Co
49 bgs, 6,982 lbs, Innis, Speiden & Co
CANDELILLA—1,260 bgs, M Argueso & Co
WOLFRAM, CONC—56 bgs, H A Watson & Co
WOLFRAMITE—156 bgs, 17,140 lbs, Bank of the Manhattan
ZINC OXIDE—3,120 bgs, New York & Cuba Mail S S Co

Baltimore Imports

CHROME ORE—8,700 tons
IRON ORE—44,300 tons, Bethlehem Steel Co
MANGANESE ORE—16,600 tons
PETROLEUM, CRUDE—153,000 bbls, Continental Oil Co
118,000 bbls, Standard Oil Co, N J

Philadelphia Imports

BONES—844 bgs
CASSIA—100 bls
CHINA CLAY—2,530 tons
CHROME ORE—3,500 tons
MOLASSES—1,253,591 gls, E I Du Pont de Nemours & Co
NUTGALLS—85 bgs
OIL, COCONUT—560 tons
NEATSFOOT—478 dms, Swift & Co
PETROLEUM, CRUDE—123,214 bbls, Gulf Oil Corp

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Animal Oils:—Importation into Canada of animal, including fish, oils and greases are prohibited under war exchange conservation act, except under permit.

Animal Wax:—Canada prohibits the exportation of animal wax, without admixture, candles, and feathers, including down, in their natural state or processed, except under permit from the Export Permit Branch of the Department of Trade and Commerce.

Argentine Exports:—Products exported from Argentina are to be accompanied by a certificate of quality to be issued by the Ministry of Agriculture.

Barytes:—Antigua has established a 4 shillings 6 pence per ton on exports of commercially pure barytes.

Canning Equipment:—Bermuda has exempted canning plant equipment, empty cans, labels and other things imported by the Board of Agriculture for the operation or maintenance of the colonial canning plant from import duty.

Chemicals:—All articles (except hydroquinone) at present exempt from the key-industry duty of 33⅓ percent ad valorem, are to continue to be exempt until June 30, 1942, under an order of the United Kingdom Treasury.

Coaltar:—Canada has ruled that no person shall buy, sell, import, store or otherwise deal in or use coaltar in the construction or repair of private or public roads or highways, or any part thereof, except under permit issued by Controller of Chemicals, under an order of the controller.

Cosmetics:—Uruguay requirements that all cosmetics be approved before being advertised, manufactured, or placed on sale have been suspended until further notice.

Denatured Alcohol:—Denatured alcohol intended for use as fuel has been exempted from the import tax of 1 franc per net kilogram in Madagascar.

Gasoline:—The temporary increase of the Danish gasoline sales tax of 0.10 crown per liter has been continued in effect until October 31. The regular tax on gasoline is 0.13 crown per liter; thus the total sales tax continues at 0.23 crown per liter.

Machinery:—An exemption from customs and duties and taxes has been granted to all scientific and industrial machinery or instruments which are imported into Cuba on a temporary duty-free basis for a period not to exceed six months, and subsequently retained in the country for use after the expiration of this period.

Molasses:—Antigua has fixed an export duty of 2 shillings 6 pence per 100 gallons on fancy molasses.

Palm Oil:—Belgian Congo has increased the valuation on which export duties and the special export surtaxes apply.

Phenol Formaldehyde:—Canada prohibits the use of phenol formaldehyde and/or urea formaldehyde resins in the manufacture of radios or radio parts except under permit.

Spurge Seed:—Uruguay has authorized the importation, free of customs duties and gold surcharges, of 50,000 kilograms of spurge seed for the manufacture of oil.

Tapioca Flour:—Belgian Congo export duties have been reestablished on tapioca flour.

Vitamin tablets valued at $15,500 have been donated to the Medical and Surgical Relief Committee of America by Upjohn Company, pharmaceutical manufacturer, Kalamazoo, Mich.

Atlantic and Gulf Ports Shipping Surcharge Set

OPD Washington Bureau
March 26, 1942

The War Shipping Administration has authorized a maximum freight surcharge of 40 percent for the shipping trade between Atlantic and gulf ports in the United States and ports in India and Ceylon. The surcharge is applicable on basic freight rates no higher than those authorized by the Maritime Commission on January 30, 1942, for vessels sailing from the United States to India and Ceylon on and after March 1, 1942. Its purpose is to help ship operators meet increasing war risk insurance rates and "other items of expense" resulting from war conditions.

The administration also announced a revision of rules and regulations covering its underwriting of war risk insurance on American merchant ships, cargoes, and crews as incorporated in general order No. 6. The administration also announced that Galveston, Texas; Mobile, Ala.; Philadelphia, Pa., and Boston, Mass., have been added to those cities in which premiums on war risk insurance which it underwrites may be paid to its representatives.

Technologists Wanted

The Federal Civil Service Commission wants technologists. The number of persons on the employment lists now established is not sufficient for wartime needs. Salaries for the positions range from $2,000 to $5,600 a year. Copies of the announcement, No. 188, and the forms applying may be obtained at first and second class post offices, or from the Civil Service Commission, Washington.

Exporters Honor Helen Devlin

Helen J. Devlin, assistant secretary of the New York Export Managers Club, was honored last week at a luncheon meeting in the Hotel Pennsylvania in observance of the twentieth anniversary of her association with the club. She received a gift from the membership consisting of $425 in defense bonds.

Dr. Victor K. La Mer, professor of chemistry at Columbia University, has been elected president of that institution's chapter of Sigma Xi, the national honor society for the promotion of scientific research.

CLEANING MILLING
GUMS, DRUGS
FOOD PRODUCTS
To
Your Specifications
Try
Gruman's Service
Telephone MArket 3-2491
J. B. GRUMAN CO.
St. Francis, Komorn and Maine Sts.
Est. 1854 NEWARK, N. J.

Index to Advertisements

Acme Steel Drum Co. —
Advance Solvents & Chemical Corp. —
Alabama Charcoal Co. —
Alexander, Jerome 30
Alkydol Laboratories, Inc. —
Allied Asphalt & Mineral Corp. —
Amcon Trading Corp. 29
American Agricultural Chemical Co. 1
American British Chem. Supplies, Inc. 26
American Can Co. —
American Cyanamid & Chemical Corp. —
American Flange & Mfg. Co. 8
American Potash & Chemical Corp. 54
American Wax Refining Co. 43
Analco Products Co., Inc. 60
Anderson Prichard Oil Corp. —
Ansbacher-Siegel Corp. —
Apex Chemical Co., Inc. —
Association of Consulting Chemists and Chemical Engineers, Inc. 30
Atlantic Coast Fisheries Co. 47
Atlantic Refining Co. —
Atlas Powder Co. —

Baker, J. T., Chemical Co. —
Barber Asphalt Co. 36
Barium & Chemicals, Inc. 29
Barium Reduction Corp. 26
Barrett Division 32, 55
Bayonne Company, Inc. 51
Bemis Bro. Bag Co. —
Benzol Products Co. —
Berk, F. W., & Co., Inc. —
Bernard Color & Chemical Co. —
Brighton Copper Works —
Brill Equipment Corp. 56
Brode Corp., The 42
Bromund, E. A., Co. —
Bureau of Chemistry 30
Burke, Edw. S. 59
Bush, W. J., & Co., Inc. —

Calco Chemical Division —
Calif. Fruit Growers Exchange 19, 45
Capital City Products Co. —
Carbide & Carbon Chemicals Corp. 2
Carey, The Philip, Co. —
Chase Bag Co. —
Chemical Solvents, C. P., Inc. 60
Church & Dwight Co., Inc. 26
Coleman & Bell Co. 46
Colgate-Palmolive-Peet Co. 47
Colton, Arthur, Co. 38
Columbia Chemical Division —
Commercial Solvents Corp. 6
Consolidated Products Co., Inc. 56
Continental Can Co. —
Coupe, Robert A. 26
Cowles Detergent Co. —
Crown Can Co. —

Darling & Co. 42
Day Chemical Co. 30
Delta Chemical & Iron Co. —
Diamond Alkali Co. —
Dickhart, W. H. 30
Dodge & Olcott Co. —
Doggett, Stanley, Inc. 38
Dorward & Sons Co. 42
Douglass Sulphur Co. 29
Dow Chemical Co. —
Duff Chemical Co., Inc. —
Dunkel, Paul A., & Co., Inc. 47, 50
DuPont de Nemours, E. I., & Co., Inc. —
Duquesne Smelting Corp. 60
Durez Plastics & Chemicals, Inc. —

Eastman Kodak Co. —
Eclsingh & Lugtigheid 46
Ehrlich, J. 30
Ellis-Foster Co. 30
Emery Industries, Inc. —
Enequist Chemical Co. 29
English Mica Co. —

Faesy & Besthoff, Inc. 60
Felton Chemical Co., Inc. 52
Fezandie & Sperrie 31
First Machinery Corp. 56
Food Research Laboratories, Inc. 30
Frank-Vliet Co., Inc. —
Franks Chemical Products Co. 36
Freeport Sulphur Co. 54
Fritzsche Bros., Inc. 51
Fulton Bag & Cotton Mills 38

Gartenberg, H., & Co., Inc. 31
General Chemical Co. —
General Drug Co. 18
General Electric Co. —
Gesell, R., Inc. —
Givaudan-Delawanna, Inc. 60
Golwynne Chemicals Corp. 17
Gray, William S., & Co. 1
Gray Industrial Laboratories 30
Greeff, R. W., & Co. 29
Griffin Cremical Co. —
Gross, A., & Co. 41
Gruman, J. B., Co. 58

Hallowell, Horace J. 30
Hammond, W. A., Drierite Co. —
Hardesty, W. C., Co., Inc. —
Heyden Chemical Corp. 34
Holt, C. J., Co., Inc. 30
Hooker Electrochemical Co. —
Hopkins, J. L., & Co. 49
Huisking, Chas. L., & Co. —
Hunt, Philip A., Co. 29
Hutchinson, D. W., & Co., Inc. 51
Imperial Paper & Color Corp. 37
Independent Mfg. Co. 42
Industrial Consulting Labs., Inc. 30
Inland Alkaloid Co. 47
Innis, Speiden & Co. —
International Pulp Co. —
Irvington Smelting & Refining Works —
Jackle, Frank R. —
Jones & Laughlin Steel Corp. —
Kachurin Drug Co. —
Kansas City Limeolith Co. 38
Kelco Co. 49
Kentucky Color & Chemical Co. 38
Kessler Chemical Co., Inc. —
Khosrovschahi, Morteza 50
Knight, B. H. 30
Koppers Company 33
Krebs Pigment & Color Corp. —
Krumbhaar Chemicals, Inc. —
Laning, E. M., Co. 30
LaWall & Harrisson 30
Lawson, W. B., Inc. 29
Leghorn Trading Co., Inc. 46
Lemke, B. L., Fine & Rare Chemicals 45
Leonhard, Theodor, Wax Co., Inc. 43
Lewistown Corporation Laboratories 59
Loeb, H., & Sons 56
Luecders, George, & Co. 51
Machinery & Equipment Co. 56
Magnetic Pigment Co. —
Magnus, Mabee & Reynard, Inc. 51
Mantrose Corp. —
Marine Magnesium Products Corp. —
Mathieson Alkali Works, Inc. —
McKesson & Robbins, Inc. —
Menhaden Fish Products Co. 42
Mercantile Import & Export Co. —
Merck & Co., Inc. 44
Meyer, Herman, Drug Co., Inc. —
Michigan Alkali Co. —
Millmaster Chemical Co. —
Molnar Laboratories 30
Monsanto Chemical Co. —
Munch, James C. 30
Mutual Chemical Co. of America 31

National Box & Lumber Co. —
National Can Corp. —
National Lead Co. —
National Milk Sugar Co. 46
National Oil Products Co. —
National Rosin Oil & Size Co. 36
Natural Products Refining Co. 31
Neuberg Chemical Corp. 15
Neuberg, William D., Company 27
Neville Co. —
Newark Steel Drum Co. 57
New Jersey Zinc Co. —
N. Y. Quinine & Chemical Works, Inc. —
Niacet Chemicals Corp. 46
Niagara Alkali Corp. —
Niagara Chlorine Products Corp. 53

Oil States Petroleum Co., Inc. —
Oldbury Electro-Chemical Co. 29
Orbis Products Corp. 48
Original California Saponin Co. 46
Orthmann Laboratories, Inc. 30
Osborn, C. J., Co. —

Pacific Alkali Co. —
Pacific Coast Borax Co. 1
Pacific Vegetable Oil Corp. —
Pacs Chemical Products, Inc. 46
Paramet Chemical Corp. 35
Parsons, M. W. 47
Peek & Velsor, Inc. 50
Penick, S. B., & Co. 48
Pennsylvania Coal Products Corp. —
Pennsylvania Industrial Chem. Corp. 37
Pennsylvania Refining Corp. —
Pennsylvania Salt Mfg. Co. —
Pfaltz & Bauer, Inc. —
Pfizer, Chas., & Co., Inc. 25
Phelps-Dodge Refining Co. —
Philadelphia Quartz Co. —
Philipp Brothers, Inc. 26
Pittsberg Chemical Co. 27
Pittsburgh Plate Glass Co. —
Potash Co. of America 55
Prentiss, R. J., & Co. 50
Prior Chemical Corp. 1
Procter & Gamble 41, 46
Publicker Commercial Alcohol Co. 1
Purdy, W. S., Co., Inc. 30
Pure Calcium Products Div. 1
Purocaine Chemical Co. —

Raisch, John E., & Co. 30
Reed-Blair Laboratories 30
Reichhold Chemicals, Inc. 11
Republic Steel Corp. 34
Rheem Mfg. Co. 42
Robinson-Wagner Co. 46
Rosenthal, H. H., Co. 46
Rufert Chemical Co. 17

Sadtler, Samuel P., & Son, Inc. 30
Scandinavian Oil Co. 46
Schwarz Laboratories, Inc. 30
Seil, Putt & Rusby, Inc. 30
Seydel Chemical Co. 46
Sharples Chemicals, Inc. 60
Sherwood Refining Co., Inc. 53
Skelly Oil Co. 21
Smith, George F. —
Smith, Kline & French Labs. —
Snell, Foster D., Inc. 30
Socony-Vacuum Oil Co., Inc. 34
Solvay Sales Corp. —
Sonneborn, L., Sons, Inc. —
Southern Acid & Sulphur Co. —
Sparkler Mfg. Co. —
Standard Alcohol Co. 36
Standard Brands, Inc. —
Standard Oil Co. of Calif. —
Standard Specialty & Tube Co. —
Standard Synthetics, Inc. —
Standard Ultramarine Co. 38
Stauffer Chemical Co. 28
Stein Equipment Co. 56
Stillman & Van Sicien, Inc. 30
Stillwell & Gladding 30
Stroock & Wittenberg Corp. —
Sun Oil Co. —
Sundheimer, Henry, Inc. 27
Synthetic Products Co. 35

Tdintor Trading Co., Inc. —
Tamms Silica Co., Inc. —
Tar & Chemical Div. of Koppers Co. 33
Tar Residuals, Ltd. —
Taylor, Chas. T., & Co. 48
Tennessee Corp. —
Texas Gulf Sulphur Co., Inc. —
Thompson-Hayward Chemical Co. —
Thornton, The F. C., Co. —
Thurston & Braidich 48
Titanium Alloy Mfg. Co. —
Titanium Pigment Corp. —
Todd, A. M., Co. —
Tombarel Products Corp. —
Truesdail Laboratories, Inc. 30
Tucker, Irwin R., Co. —
Turner, Joseph, & Co. 31

Union Carbide & Carbon Corp. 2
U. S. Industrial Chemicals, Inc. —
United States Kalsomine Co. 36
United States Potash Co. 55
Universal Trading Corp. 42

Vanderbilt, R. T., Co., Inc. —
Velsicol Corporation —
Victor Chemical Works 60
Viking Distributing Co. 53
Vitro Mfg. Co. —
Vol-U-Meter Co. —

Wah Chang Trading Corp. 42
Warner Chemical Co. —
Warwick Chemical Co. 36
Weiss & Down, Inc. 30
Welch, Holme & Clark Co., Inc. 29
White Tar Co. of N. J. 33
Wiley & Co., Inc. 30
Will & Baumer Candle Co. 43
Williams, C. K., & Co. —
Wilson & Bennett Mfg. Co. —
Wilson Carbon Co. —
Wilson-Martin Division 42
Wishnick-Tumpeer, Inc. —
Woburn Degreasing Co. of N. J. —
Wolf, Jacques, & Co. —
Wood Preserving Corp. 33
Wood Ridge Division —
Zink & Triest Co. 48
Zinsser & Co., Inc. 29
Zophar Mills, Inc. —

Nicotinamide

Nicotinic Acid Diethylamide

Dehydrocholic Acid

Bromisovalerylurea

HIGH PURITY GRADE

FK

TRADE MARK

Manufactured by

Lewistown Corporation Laboratories

Executive Offices:

221 West 57th Street, New York

Cable Address "Lewtown"

EDW. S. BURKE
J. F. HOLLYWOOD

Representing:

CARUS CHEMICAL CO., INC.

BENZOIC ACID
SODIUM BENZOATE
HYDROQUINONE
MANGANESE CARBONATE
MANGANESE DIOXIDE
MANGANESE SULFATE
POTASSIUM PERMANGANATE
RARER PERMANGANATES

BENZOL PRODUCTS CO.

AMINOACETIC ACID (Glycocoll)
AMINOPHYLLINE
BENZOCAINE
CHINIOFON (Yatren)
CHLORBUTANOL
CINCHOPHEN
CINCHOPHEN SODIUM
DEXTROSE
ETHYL GLYCOCOLL HYDROCHLORIDE
IODOXYQUINOLIN SULPHONIC ACID
NEO CINCHOPHEN
OXYQUINOLIN BENZOATE
OXYQUINOLIN SULPHATE
POTASSIUM OXYQUINOLIN SULPHATE
PHENOBARBITAL
PHENOBARBITAL CALCIUM
PHENOBARBITAL SODIUM
SODIUM DIPHENYL HYDANTOINATE
TETRA-IODO-PHENOLPHTHALEIN SODIUM
THEOPHYLLINE
BROMSTYROL
CINNAMIC ACID
DIACETYL
METHYL CINNAMATE
METHYL PHENYL ACETATE
PHENYL ACETIC ACID
BENZALDEHYDE
BENZYL ALCOHOL
BENZYL CHLORIDE
BENZYL CYANIDE
DIETHYL MALONATE
DIMETHYL UREA
DI-NITRO CRESOL
CYANOACETAMIDE
CYANO ACETIC ACID
ETHYL CYANO ACETATE
8—HYDROXYQUINOLIN
8—HYDROXYQUINOLIN—5—SULPHONIC ACID

We could serve a few additional chemical manufacturers of non-conflicting products

EDW. S. BURKE

Established 1917

132 FRONT STREET NEW YORK, N. Y.

C. P. Acetone Butyl Alcohol Butyl Acetate

CHEMICAL SOLVENTS
Incorporated
60 Park Place Telephones: BArclay 7-8615 MArket 2-3650 Newark, N. J.

SHARPLES TRADE MARK CHEMICALS

Wartime Chemicals of today for peaceful pursuits of tomorrow.

SHARPLES CHEMICALS INC.
PHILADELPHIA CHICAGO NEW YORK

ANALCO

Manufacturers of

Analyzed Chemicals

Analco Products Co., Inc. *New York*

Victor Chemicals Enlist
FOR THE DURATION

Phosphorus and phosphorus compounds, in which we have specialized for over forty years, play a vital role in the defense of our country. We ask your indulgence should you find us unable to supply you as promptly as usual during the emergency.

VICTOR CHEMICAL WORKS
141 WEST JACKSON BOULEVARD CHICAGO, ILLINOIS

Faesy & Besthoff
INCORPORATED
22 EAST 40th STREET
NEW YORK CITY
CABLE: TRUFABEST

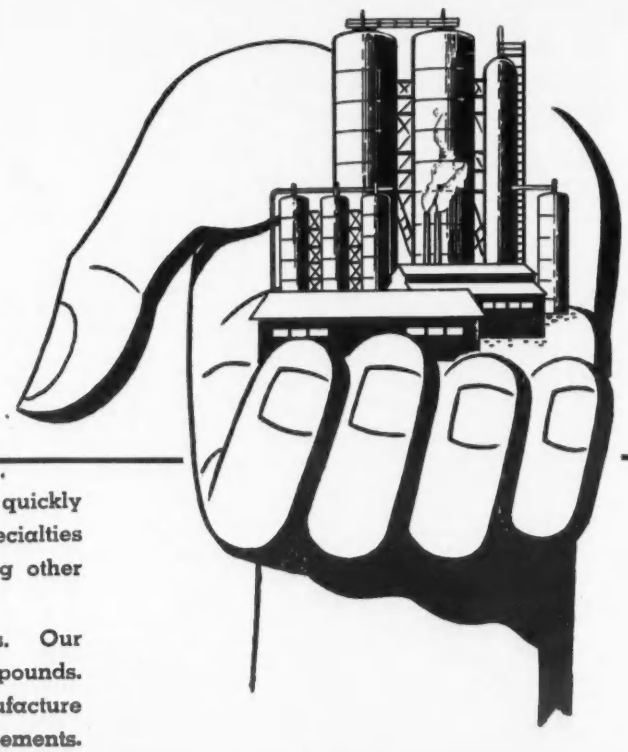
AN EXPERIENCED ORGANIZATION WITH 25 YEARS' CONTINUOUS SERVICE TO AMERICAN AND FOREIGN BUYERS OF INDUSTRIAL, PHARMACEUTICAL AND AGRICULTURAL CHEMICALS. WE INVITE YOUR INQUIRIES. WRITE OR CABLE.

"PITTSBURGH" ZINC DUST

is manufactured in any mesh for all industrial and chemical purposes.

DUQUESNE SMELTING
50 Thirty-Third Street, Pittsburgh, Pa. **Corporation**
New York Office—18 E. 48th Street
Cleveland Office—Union Commerce Bank Building
Cincinnati District—Covington Trust Building, Covington, Ky.

WANT EXTRA PRODUCTION FACILITIES IN A HURRY?



If you need additional production capacity, possibly you can obtain it quickly by turning over to us the manufacture of certain intermediates or specialties —thus making a part of your own facilities available for expanding other production.

We are equipped to make a wide range of organic chemicals. Our experience includes the manufacture of many highly specialized compounds. Our production facilities are designed to permit flexibility in manufacture and, where necessary, may be rapidly adapted to meet your requirements. If this suggests a way we can help you in meeting your needs for expanding production, we will welcome the opportunity to review your requirements with you.

GIVAUDAN
DELAWANNA, INC.
Industrial Aromatics Division
330 WEST 42nd STREET, NEW YORK, N. Y.